1955 1 1.5 ms. N. J. Big Cabin, Craig Co.,

Obelahoma VIII. 4. 1955. Edw. approx. 700 ft.

(R.). Usurant, after vain, very thing
ent - ram traked. Roadride male J.
tall grass "weds, some surflow. Little
moving.

Systema few adults, jours. minumes.

Melanophes trittatus - 1 taken - all sum.

Ceranthers sp. 1 supt. - all sum.

Ceranthers sp. 1 supt. - all sum.

Ceranthers is. 1.

1955. 2 4.5 ms. S. of Charteau, Mayer Co., Chla. Celes. 530 ft. VIII. 4. 1950: (R.).

Rossaide, partly mowed, clausher tall fraso, simplowers, andropogue, etc. bry int. ret a problem to handle. Wind high-coming in from a full storm.

Mispheromers (?) myst-nome adult.

Systula abundant, partic. juro - in thate com.

Lephulella my few.

Dig mestettie unmerous - in dent une and

Anghia - few l', artin.

Hippinens ung fow, long flying, Them. Let 2 to

Chortophaga few, all seen taken. rashyrhacher my few a my End, all seen Fatien (2). In that comes Augustities pratinies bry total, in or near androgon patcher. Milanglus trottalus Munums jung intrally all adults. Melaniplus purleards type - hus 2 Falus Campylemantha 1 just bahun - mysts alex. 57 + 11 = 68 Uther ins. 0 + p = 1 1955.3 7 ms. S. A. Wagoner, Wagoner G. to Colla. Cing 5014. Queg. 4, 1950. (R.) Kondande Most grass flawled by Horded word edge. I damaged sp. hvest, Systemla Misk, num. mostly adult. Boopedon auriventis 3 J, all seen, Tolien In Month frew. Aphuldla commun, in that fram, Hypprous - a few I talian, Mel. Inttate - all hunt when Mel. diff. from hot bot. Think you worth. lend. 22+ 68 = 90. ather in 0 +1 =

1955. 4 3 mo. N. A Keeffon, Muskogue Co., Cella. Elis 563 ft VIII. 4. 1950- (R.). In tall under pass.
Unsphermuna (?) all jims. ? Hummen. Lybula adm. many jewo. Commen. aguntitus had in Muntingrass. Hisportette prationis treal, six taken. Milmophus truttation a number, 3 tation you 1 4. to in Mont pass. Consephalus Minte lad. I some jus. nu. Uth. 32+90=122. lether vis. 0+1 = 1. 1955.5 5 ms. W. of Warner, Mustage Co., Olda. Elina 750ft. Rondride - underfran, ditch und roge. dyshula largely adulto. Cephulella my fur -1 man. aughin few my action - 2 taken Mermina trittata quite few in morster as They flow servers road full of traffic. Hadrotities I deen taken. Melanopher trulleles rummens, 1 the. " differ a few, 2 talem Carepylar autha 1 jiro tahu.

Sandderin 19, supt from tall und. Consupt. 17no. tatur. Unt. 17+122=139. Uther in. 0+1= 1. Co., allen. Will. 41900. [R.). Roadside draine Fall wieds. all, O. teen taken except me large detationina - a much of Merminia which me to Siphula rummen, mos Thy ads. Aphulella " in hort frases Conoregol, Atriction 10 totum Cent. 13 + 139= 152, letter is 1 + 1 = 2 1955.7 6 ms. S. J. Sallisaw, Segmonsh Co., Colla. 600ft. VIII. J. 1955. (R.) Sugar Hand. Un oak could hills - roadiedo, with rill and int orgetation. All species some taken ex su. Mermina. Paratellie I hough from danny gringer

19557 (cont.) Mermina 'jus. Sydula 'jus...

Nappisais a fue, 2 tahun.

Nadrotettis a fue sun, one tahun un baun Milanglus p. 15T. pp. hv. pin Mat. ust unum. ark. 17 + 152 = 169 letter is. 0+2= 1955.8 6 mo. due S. of arkansas Rinn Elle. 450ft. VIII. V. 1955. (R.). Weedy fields and true soudy surs - tall with in farmer. all species sun taken exc. Thistories amer. - Mel. differentials. Lychola jiwo. mby. Unphalilla men. on have a that agesting The Despurtation yoursen I y all sum. Campylacantha 2 ads .- mm. jins. Tahen. Welanghes trittatus a few, I take.

Connept. Frister no adult taken, mostly pro. level. 28 + 169 = 197. Other in D + 2 = 1955.9 Cavanal Rek. sidning, totro Portion and Mister, Lepton Co, Olla. Elw.? VIII 5:1955. and of Fall undo of mines Fypes brais, mulling, the. all a puris our taken tour, hliaphermua mumme, all jino. Hagman I juv. hrupt. Myhela rum, ads. pres. Mermina in fair mo, my actions Exphulilla a few. applien a few, our taken Hadrolettix I onhum, all sern. Campylanawka, all seem jus. Dispurotettis purious a par talu Melanophus diff. ahund. Hv. htun trott. ust quile as rum. " finen- when not men Conscipt. History Human.

Week. 46 7-197 = 243.

Weeken ins. 0 + 2 = 2

1955.10 3 mo. W. J. Wester, hiplore Co., Cha. Bles. VIII. J. 195- (R.). Upon oak and trickory works. all spring sun talish. dyshula less common than usual. Merunia mumi. appartella mumino ayolua, a frew Dipperous non along modside than is modo. Parstylotropidio, two sun in dead leave in und, Itost, Itahun. Melanoplus lundus a fair no, mosty ad. trottatus a fow. p.? hange payest - 2 & all sun yp. Jus. prot. nv. pp. Unt. 24+ 243 = 267. letter ins. 0+2= 2 1955.11 Betw. Red Oak and Hughes, hatimer Co., alkla. Cita 600 ft. VIII. V. 1900. [R.]. Ruside of himy out and hi chang words. all pures from Film exc. Mel. doffuntalis. Aliopherman nom. anget, I and I then immax. tyrtula mm. aks a jus. Merminia se few.

assimbella I talun. apolion a mucho, 2 talum. lapprocus detto - ing flying. Hadrouther a mucher, my active. Campylacantin I pow. Tahin Mel. 17. 1 jus lett. 28 + 267 = 295. Ultur in 0 + 2 = 2. 1955, 12 8 ms. WIW. of Willaston Kature Co., Olla. Eto. ? Cina 700 ft. Celevated Rundden of ridge with out one och, pine - hickory and, fraud sufan in greater part troken Hably wich wittle low plant com except wat sent, Remains of burns in places. all yours sun Fram orphula a few. Mermina ditto agenestetlix about the roch sufaces Chortophaga a fus. Androtetting my numerous particulants

1955.12 [cont. ] wany as usual. Consephalus Freites 1 trupt. attur is. 0 + 2 = 2. 1955.13 3.2 mo. S. A Savanna, Pottobrug Co., ahla. Celes. (ans.), 660 fect. VIII. 6. 1955. (R.) Kradeide male of Fall pass and louds, with bare sports of grand and broken Tash Top (old road material. all speries sun adult tohun exc. I ind. La M-w. Melanoplus, latter Miapheromena abundant, en considerable part adutto, surpt. hybrila, a frai). Mermina uny cution, 4 ortin agundithix few in fund, I taken. Wespertellix irridio a rigle me. pratinoso, a few, 2 talen. former " , 2 Relanoples diff. mumorens, fru flying. britt. a much " dp.? Jus. tahu. Convergh. Atrictice, ads. With rexus - juns

ather in. 0+2= 2 alforma. Elso. 660 ft. (an) VIII. 6, 1950. (P.) langle of meds along edge of oak worken in edge of frame all spenis sun adult Them exc. Mel. Dispheromen supt, Juno, also run. systemla few. agentation a my few. 1 Folsen Chartyphaga 1 Fahin, all recognized. Campylarantha Juss. mlg. attur ins. 0 + 2 = 2 1900.10 7.5 ms. S.E. A atoka, atoka G., alu 475 fut (un.) VIII. E, 1950 Rvadeide - much broken Ad road trufing, and in your bak a hickory work with much grass and ont spionts. all tous sur adult une taken.

Melan. diff. exceedingly about

Orth. 45 + 313 = 358

1955. 15 [cont.]
Hapmon. I give hupt.
Respherence press. no adults noticed. Tyrhula, min adulto - Juso. Chyphan in dry una Hadroteller common in the Ad parement are I chistruma anni for our I taken. mil. diff. on alm. " Ment unfel. 2 taken (DT). " long-miged. 12 Taken. Herprotettex persons a ten, 2 The Campaparantha a fun pins. art. 24 + 367 = 391. ather in 3 + 2 = V. Co., alle. Elw. 120 fut. (ana.) - [humes. to the W. of The Pushmatula Co., aire.) aug. 6, 1910: (R') Cal word with being thin only found come, and grass patrices interpred, (all thort pass a wind. all list. ruge. as adults them. 1 Jus. Brimmeria, curiously in a und trail with no meadow- Type pass any when Fyshela few.

Thoragum Willi two in The osh trub. cristation Cell run (1) - in The dry frankly road idge. Wel. that ming I taken in word, then Mel. Ima uniged, in och mubs letth 9 + 391 = 400 athering. O + V= V. 1955.17 Im. M. of Hugo, Christians Co., Chila Elw (au.) 408 ft VIII. 6, 1955. Rondride, my tall mally a wild flower. Cennything rougn. Taken. heraphermena jimo. mly sum. tyrtula mum. ad. . jina. Mirminia grite rummerou, flying fruly and far, timales particularly. aphulilla a fro. Hispirotettis princisus the Milanoplus diff. Turner. June - rubin. Utalien. Ouhelimin siv. juss. lest. 13 t 400 = 413. ather in. 0 + 5 = 0.

1955 18 5 ms. S. A Powderly, Lamar Co., Texas. Telev. (and) 425 ft. VIII. 6. 1955. (R.) Tall grass - und, with mu oak result we Nattered raks. All species rugnized take. I Ad. of Borumina as alm. heraphermun num-layely adult. Lystula Comme. Merminia mun. my action - wheet. Augustillex pratures 1 The Meldrenglus truttaties sohen. Mrss. wight. - only in wat trul. Out. 17 + 413 = 430, letter w. 0 + 5= 1; 1955. 19 Near Petty, Laman Co., Texas. Elw. (an.) 600ft. 1111.7, 1955 (R.) Uld field on Hach prairie tol, grown up toagety in comor, till pass. Mel. diff. summing. Wet much where. blegshermen num, in large part adults. hydrila a free. memina detto. Hugustillie spunisa, a few 2 Fahren mel. mittalia a few. Unth. 21 + 430 = 45%. lether in 0 + 5 = V.

7955.20 3mo. E. y Bonham, Famin Co., Texas. Elev. (an.) 570ft. VIII. 7. 1950. (R.) Rondride park with oaks and adjacent undistricted prairie com and some that gues (mound). Stagmentin jurs. hupt. heisphonomera a few in tall passe Mirminia in fair nos. lyshela " " Course Morphus mm. in Mont pass (mond) Mul. diff. rumines. Hespert preterni l'in the service d'in the service de l'in the service de l'interes d'in the service de l'interes d'interes d'in andlyrougha appar. 2 opinio, tothe in tall prairie com, flying fruits. Orchelin 18 ditto With 29 + 451 = 480. lether ins. 1 + J = 6. 955.21 1.5 ms. W. of Bells, Grayson Co., Texas. Elw. (an.). 65-0 ft. VIII. 7, 1955. (R.) 1955.21 Chig. plant com, with much Fall grass, many thistles and a Fall comprised

1955.21 (cont.) gone to med. Med. diff. my ahundant. Hagmonantro rw. jins. taken. Whaphermer my mm, almost all als. Mermina summin Campylamenter 1 por. when. mel: thattation of talen. De Consuphalus thinter Mayors arth. 23 + 480 = 503. Utter ins. 0 + 6 = 6 Corbe Co, Texas. Elw. (al.) 830 ft. VIII. B. 195. In modaide tall pass, with Thumin Mermina, in fair us. yelala abundant. aguntettic I must. Cepina 1 trupt. ippisous rum. in Moter nest. Mongly flying, but then to rise. alexanthur in hu. hupt. Outh. 10 + 503 = 518. attin was . 0 + 6 = 6

1955: 23 7.5 mo. J. Sanger, Wenton Co., Texas. Celes. (au.) 800 ft. VIII. 7.195T. [R.]. huell and of nigital prairie con. all spuris readyn- tatum exc. M. diff. Kraphermera my ahund. hyphula num Meminia Maridian 17 mpt. Hespiratellie oper. 14 might. Wel. M. w. p. 14 mgt. Connext. Mites a few. leth . 578 + 34 = 552, litturia. 0+6 = 6 1950.24 Joan Creek, 6.2 mo. S. of Manshild, (VIII.8, 1950- [R.]. Konderde and with that yours and tow sem prostrate munoa- who patitus - border of tutt grass. Magheremon - a few. Boopedon a my few, tothe size Folim

1951.24 ( cont.) Alghabella - 1 Fahren, wright. Kippisons a few, ado . - jus. Tahu. conget typhen breatly num. in that praso ana, a few juns. most adult. Hadroteller I Fahr, all our Mel. diff. Jund. andlyway plus busten 16 myst. Orth. # 172 + 27 = 579. Other 10. 0 + 6 = 6 1955.25 5-5 ms. S. A. Waxahashie, Cellis Co., Texas. Eles 600 ft. (an.). VIII. 8. 1915-Roadoide but disturbed and not nation com. hittle except manns of Mel. Hagmon . Jus nummer. Fridorermyle ust grute adult. Mermina rum, - 1 Fahre. Wegnetitle opiciosa / suryt. but. 13 + 579 = 592. letter is 0 + 6 = 6

1955.26. 6 ms. S. A. Rice, Marans Con Texas. Els. 500 pt. VIII. 8. 1950. (R.) in range fild not turnily grazedo Litamentin 2 juns. ungst. Principle i jus. migt. typhola mun. agunstilles nur. Chortophaga Ijus. nupt. Herpustittis purson tothe meso taken. Mil. diff. ahundant. Parai dumma 24 tate. Conough thirties as & Taken, huget. Cediodutes 4 females in com close to ground - in The astrally seen to might Unth. 26 + 592 = 618, am letter in. 0 + 6 = 6. 1955.27 2 mo. S. of Richland, Marano Co., Texas. Elw. 40,5 ft (an.) VIII. 8. 1917- [P.) In oak words and adjacent piece of notmal prairie. Mil. diff. commer. Preudvoringle - Linghermon hugt in unt. prairie.

Fyshela jins-them, didn't notice any asto. Completantha pro in prague aug. Paraidemma 17 mpt in och under not in Mel. disetter type. 3 T Frhum in och 33 und some - There term, but 33 level. 35 + 618 = 653. Cether in. 0+6=6. 1905.28 6.5 ms. S. 1 Koose, himstone Co., Texas. Elw. 630 ft. (an.) VIII. 8. 1900. (4) Edge of out woods and adj: Ad fill. Chartyhaja Tad. Jiv. (Fratilogie fre Civile. Mel. flanders type. 17/4. With. 5 + 653 = 658. letter in. 0 + 6 = 6

1900.27 / Cont. 1.

1955.29 8mo. S. of Brynn, Bragos Co., Texas. Celw. 400 fect. VIII.9, 1915. (R.). Kondside - Cargely native com. all opinio recognized taken exc. 1 Hadroletters + 1 ned uniged ayohia. Exphalilla trial, few une est adult. Merorblon my local, chiefly in my thort squate Comptetyphens my few - 1 taken Campylaranthy 1 jus. Tahur. Paraidemena commun, Carge in low urmsaumo thrut. Milanghus diff. num. - 2 The spries - few. Negustities opinion fin. Consuphalus Frites a few. Outh. 54+658=712. letter ins. 2 + 6 = 8. 1955.30 10 ms. NW. A Navasota, Brigoo Co., Texas. 325ft. clust. VIII.9, 1955. [R.] Jand spurs and that + medium hight grass under open vale und. hittle variety - unifficing recognized

Systula num. Merminia a fair no. - long flying. Cerphulella a few. aiphia a number, free-flying. Phret- wing. Melanophus layely in tandapun. Certh. 26 + 7/2 = 738. Other is 0 + f = f. 1955.31 2.5 ms. W. of Washington, Washington Co., Texas. Celes. 350 ft. VIII.9, 1955. (R.). Kondeide nation cover-tall grans, yellow-flowered minoraciones Fell Thut, scattered low magnite. Corry Thing resogn taken exc. Hel. def. Pendocumple, a few jours. mest. Stagmonntio a nomb. of jus. hupt Tyshele abundant, ad. Mermina all ad.

Carryingtheautha ads. Juss in a much, of winter Resputettix prima rumber. Melanogles roberters? 1 5, all seen. 2 th. - winged opp. anthymysha rotundif. 14 swept.

Other wo . O + & = &

1955.30 (cmt.).

1958.32 5 ms. J & Peters, austin Co. Texas. Elw. 250 ft. VIII.9, 1955. CR-) Small hand and and wordside Full wieds. All yours mogn. taken exc. 1 Schistauca. Brummia lad. & troupt from Fall wreds. Mermina mumm. agunstittes, a few. Mun (1 Fatien) Chotophaga a few adults, - 1 jiw. Talen Hippiness a musher, long-flying. Estimation small whomy in same area. Spharagemen cristalin I taken all seen Parai demma few - 1 Falur. Consuph. Histor a few. Cent. 14+7/2=786. Ustin via 1 + f = It. 1955.33 10 ms. S. J. Columbus,

1955. 33 10 ms. S. J. Columbus,
Colorado Co., Texas. Elev. 300 ft.

VIII. 9. 1957. (R.).

Rondride, constal prairie andotrio
Little vivity.

Cell opinio recogn. Ishan ex. Mermina

" Lapprocus.

Systula mun. Mirminia a fair no. - long flying. Cerphulella a fuo. arphia a number, free-flying. Ant-wing. Melanophus layely in sandyon. Urth. 26 + 712 = 738. Other is 0 + f = f. 1955.31 2.5 ms. W. of Washing Tone, Washington Co., Texas. alw. 350 ft. VIII.9, 1955. (R.) Rondride nation cover-tall grans, yellow-flowered minoreum Fell Must, scattered low magnite. Corry Thing resogn, taken exc. Wel. def. Pendoonnyle, a few jus. myt. Stagmonntis a numb. of gras. hugt Typhole abundant, ad. Mermina all ad.

Cantyfuther from ads o jus in a much of winter Resputittie prima munha. Melanoples roberters? 1 8, all sem. 2 th. - winged top. anthymysha rotundif. 14 swept. and 34+738=772 Other wo . O + f = f

1955.30 (cmt.).

1955.32 5 ms. S of Peters, austin Co., Texas. Elw. 250 ft. VIII.9, 1955. (R.) Small sand and and wadside Full wuds. All yours mogn. taken exc. I delistanca. Brummia lad. & troupt from Fill wred. Mermina mun aguistities, a few. Chotophaga a few adults, " I jiw. talion Hoprais a much, long-flying. Estimation small colony in some area. Spharagemen cristaline I taken all sun Parai demma few - 1 tolur. Consuph. Writers a few. Cent. 14+7/2=786. attening 1 + f = It. 1955.33 10 ms. S. of Columbia, Colorado Co, Texas. Celev. 300ft. VIII. 9. 1957. [R.). Rondride, constal prairie unditions

Little variety.

Cell opinio vergen. taken ex Merminia
+ Lipprocus.

1950:33 (cont.) Systula, a few. aphulella ditto Despertelling person, a few. Melunghus sp. 16. Connephalus op. 17. Cent. 6 + 786 = 792 atheris. 0 + 9 = 9 1905.34 5ms. S. J. Altain, Colorado Co., Texas Elw. 275 ft. VIII. 9. 1950: (R.) Coastal prairie conditions, but with tand spin at mad elge. Corrything rugues tahun. Pseudosermyle piv. augst. tystula comme, and i puro. Hippisas a tumber in the Campylarantha a few pros Milmoghus M.-w. I myst. Cerchel. p. 13tation Sundlina I adult tahun, also sur jus. mota. and 19+792 = 811 ather ins. 0 + 9 = 9

1955.35 Coleto Cruk, 1.5 m. WSW. 4 Kaisin, Goliad Co., Texas. Elw. 70 fut. VIII. 10.1955. (R.) Kondaide proch with thort grass under tim och and tringle of tall words your and Smilar orgetation todamy puch. all spinis mogn. orhum. Mermina rumano. Chyphulella I seen + Thu. amustillie a mall muche. Ceiphia I jiw. Tahu, to. ado, sun Thortophage I ad . The Tohanguman cristature type. a few sels in the officer. Hispirotitle pratings a fair no. Melanglus Vh. - w. Treat. Romalia 2 Fahrer at represte prints in tall mude, Um Myconytha browsters in Fall med, Moconregheles are in detto Conoreghalus strictus? 1 g deep red trong. Cert. 44 + 811 - 853 Cother ins. 0 + 9 = 9.

1955.36 Policid State Vach, goliand, Joliand Co., Tusas. Coles. 175 feet. VIII. 10, 1955. (R.) Natural vigitation of ana - parti-tope like two vales, mesquite and a few other openes of trues with heavy undergrowth of tall Frigled grass, nation thinks and prickly Cerrything risgn, adult me taken exc. I delistrina which alighted too ligh. Francounts / Jus, hugs. Psindocernyle mm, appar. not matere. Mirminia a fre. sychola, jim. my. Contytropidia a fur por. Misorian a few. Managemen cristation a muster, Torricha a few, trant. Chortophaga a for. ayohin a fin, a pair totun separatoly I christmus hv. Jus. The. Augustities opinion a notion. Mel. diff. a few " Cong-w. p. I taken. " Sp.? Juso, Fahen.

Consuplatus strike 18 Min With 51 +852 = 903. Other ino 0 +9 = 9. 1951.37 5.5 ms. SW. of Wordstoo, Refugio Co., Texas. Elw. 25 th (un.) VIII! 10.1950- [R.). Roadride words and grasses, some low acoura terrything megn the. Laturentin I my small me Take. Wagherones - Bundoonnyle um. ado. I frame lagely males. Misorhon a my frew. lighable not common. Mermiria a few. heichopetale 14 morps. Consephalus 1 B Taken land. 29+903=932, Outen ins. 2+9= 11.

Pediodutes I Junging in Fell

1950.38 Mucus Rover arosing, 5ms. SSW. of adem, Neuro Co., Trass. Colevation 40 feet. VIII. 10. 19507 (R.) dystrila a number Hespiratelles openiones minerous. Melanophus M. w. sp. a few. Paraidemma, a vyy fus. heistrucked com, also apparently drought damaged, open and edge of insegnite, assers and returna Truple torderny run tank. bry little sun - all rugn. Fran Loc. M. def. - IN. Mermina . Vry pr. Orth. 10 + 932 = 942 Uther ins. 0 + 11 = 11. 1955 39 1. 5 mo. W. of Charkwood, Mucus Co., Pexas. Celw. (ah.) 60ft. VIII. 11.1955. (R.) Rondride till grass with munica. britishly no Q. coupt multitude of phosmids, almost all jus. Aliapheronum -Pour documente. 17mm Synthila # 1 aprica 12the . 16
Clock. 15 + 9+2 = 957
Cether me. 0+11=11.

1955.40 8 ms. S. A. Robertonn, Mucies Co., Texas. 200.60 ft. VIII. 11, 1955. (R.) Roudride in drought - stricken cotton country. Outrally withing. I Merminia last. 1 pw. shrmid - 2 jns. melanopledo. Certh. 3 +957 = 960. ather in. 0 + 11 = 11, 1955.41 7ms. S. J. Kingwille, Klebug Co. Texas. Celes. 58 ft. [an.] VIII. 11. 1950. [R.) Kradride with low mesquite, prietly pear, tall prass a words. Munt nothing. Klingheromera & & horpt. 18 herchopetala hough. I Mermina. Cent. 5 + 960 = 965. ather ins. 3 + 11 = 14 195542 3 ms. S. of Santa Number Con 1 ex us. Celes. 40 ft. (an.) VIII, 11, 1900. (R.) Irrithum rage of sound clume area - during

hun fixed and langely covered with low

ground com and scattered groves of

Low vales. Cerrything runger, taken

1955 42 (cont.) humat. Sharmids, prerum. Psundocermyle, Come-hudet Francalid -? Radinstatur ? Briss, endy.
Paraideman 1, all tun. Jappan. 3 mater.
Jus. metanoplid - 1 truget. Wichopetala all juss. rummers, and in at last 3 motors. Cycloptilum I tropt. Unit. 27 + 965 = 992. letter is. 2 + 14 = 16. 1900:43 10 ms. S. A Sarita, Kenedy Co., Texas. Eles. 40 fut (an.). VIII. 11. 1955: (R.) Sand deme area. The deme tun immobiled and covered with heavy matted com and tall grass. try difficult to perutrate and mh. all rudge. prices taken except 1 flynny Mermina. Phudosermyle un vanous visotais, munum appendella 1 hors. 1 Jus. milanoploid - Junes Wichopetala un small juss. 20 Out. 16 + 992-1008 Other wis . 0 + 16 = 16.

1950.44 4 ms. J. of armotrons, Kunde Co., Trasas. Celw. 254. VIII. 11, 1900. (R.) Un sandy soil with scattered magnito and much prickly pear. all peuces rungraged um them. aphulella 1 suspt. I you green and white mottled melanoplist. genes?? not Campylacantha? What? I blichopetala all sucred une in vaist to Hunden high trom- wild husan composites. Ino adult & talum, 2 To in wester prending matricity but could not latate any Tads. Cett. 9 + 1008 = 1017. Cother wis . 3 T 19= 22. 1955.45 2 ms. S. A Uturria, Willary Co., Texas. Celes. 1950 fut. VIII. 11. 1955. (R.) Roadside unds frasses, much pund spur, some brown- eyed resan Compreter. Everything seen Fatim. Paraidemons, my lord. Dichopetula 1 just. p drongt. With 8 + 1017 = 1025.

1955. 46 3.5 ms. SEF San Benito, Camera Co., Texas, VIII. 12, 1955. (R.)

Ronderde Full grace and words, chiefly in drawn. Worthing exc. & herchopetala and I ad. Coursephalus fasciatus Type.

Nothing at all found along edge of patch.

of natural Fur and brush con.

Outh. 3 + 1025 = 1028.

1955:47 2 ms. S. of Climits, Common Co., Texas. Elw. Vo feet. VIII. 12. 1955. (R.) Clld field from up in words and with grass patches, rumants of auginal com him and there. All C. Lem, taken, and by trouping. Two. Stagmonantis from dark distraction with med. - cand. from dark distraction Paraidement to 3 Has indamphas. 3 His chopitale just 9, all tun. Outh. 9 + 1028 = 1037. Letter air 0 + 24 = 24 1955. 48 3 mo. C. J. El Sardin,
N. J. Brownsville, Chumber Co., Texas.

VIII. 12. 1905 (R.). Elw 30 fr.

higher than lines, nimovacions and

compristes, grassic - orma prichly pear.

In Stagmomantis, grite mull, troupt.

Paraidemma ow adults, seemed more

partial to a low plant which in structure 
frings reggested Californian chamise.

hispheromera ad. & ad. 4 jus.

mupt.

heichogetala, apparentle timo opinio, but a snight male of me with double cucus 21, and last stage gives. of both stage gives. of the the stage of the then, the males of which seem to have simple felcate cucus.

Certa, 23 + 1037 = 1060 Certar ins. 3 + 24 = 27.

1955.49 12 ms. W. of Bora Chica. Cameron Co., Toxko. britiselly at rea- link. VIII. 12.1957. (R.) Natural com of waist . high thruls -Ime acaria, the difficult spring types, but almost unithing spined. Odes masses of sampline of pichleund. Olle a. sun Fahren. Jus. Stagmanantis sur horpt. Prudommyle 10 al. " hliaphummun ad. 49 " / jin. als. Paraiduma tro. ado. from mulan oplid no. Quantins I ad hugh. Cuth. 16 + 1060 = 1076. Other us. 2 + 27 = 29. V 1955. 50 8 ms. W. J Brownsville. Cameron Co., Texas. Celev. 125 fest. VIII. 13, 1950. (R.) ana of roadside woods bordening serum & morgaite and retama. 1 jun. appu. & Platylastista, ur gunud. Paraidumma heal, in low um, adult. -

Wichopetula abundant, but largely immats une In variety of winds, Hunted particularly In padults, but virtually all une Inher ty surrying. Cumthus subjet. Count. 45 + 1076=1121. Withen in 3 + 29 = 32, 1905. 51, 5m. FE. J. Loo Andios, Camura Co., Texas. Elw. 110fut. VIII. 13,1900. /R.). Rondside unde of various Figues un and about too merquite. Oligonicella my mall juss, smpt. 1 Jim Stagmonnantis horyt. improduction. Poundosermyle 1 ad. + por. 37. sunge Diaphiromira 2 ad. 4 p. mipt. l'araidemens ad. - juis. in france n in lowst on. Wichopstala in vanous medium hught buth. 33 + 1121 = 154 Come ins. 1 + 32 = 33.

1955.52 2.5 ms. W. J. Progresso, Hidalgo Co., Texas. Edw. 125 fut. VIII, 13, 1915. (R.). Grass along edge of and within magnete This chits and with suas of rather dence grass, in large part him- cured. No Q. except manted, all latter taken by maping passes. Ulli grini cella 1 ad. T, appr. 2 ad. 4 and no. jus. Stagminantes all juss .. levet. 9 + 1114 = 1163. Other ins. 0 + 33 = 33. 1955. 53 Hear Los Cebanos (mot & Mission atmit 12 ms.), Widalyo Co., Texas. Elw. 300 fut VIII. 13, 1955. So. Tix as scrib, distribut only by grazing, much up of mesognite, buistache, friehly print cutto, friehly print cutto, friehly song though. Colomst no grass and my thing thought. Colomst no grass and much theyt. Horned bliapheromera I maly ed. & trupt. Im mulanostic. detto.
hlichopetala prot. 2 opp. Ily male only, others

presumably The rame as those taken when in the day! all surpt, and largely Tum ma spunio of hudercom. Ulesta. 10 + 1163 = 1073. ather in. 0 + 33 = 33 1955.54 4 ms. N. of Cedinting, Hidalgo Co., Texas. Elw. 100 fest. VIII. 14, 1955. [R.) Roadside words - no O. With. 0 + 1173 = 1173. ather ins 50 + 33 = 38 1950. VV Im. N. of Faysville. Hidalgo Co., Texas. Celw. 100 fut. VIII. 14, 1955, (R.) ground. Wothing in O. except two. Jus. - one guyllers. The other prob. Certh. 2 + 1173 = 1175. Cether ins. 9+38 = 47 1955.56 8 ms. N. of San Mannes. Hidalgo Co., Tupas. alw. 60 fut. VIII. 14: 1955: (12.).

Roadride und wollow with

vanity of vegetation. Systrile ad. juv. in low com in fill. Dichope bligherman a Poundosumyle gunal, few adults. herchopitala I female in rach area. Connephalus 1 just. myst. Cesth. 23 + 1175 = 1198. Other ins. 2 + 47 = 49. 195507 3.25 ms. N f ancino, Brooks Co., Texas. WIII.14, 1900. (R.) Roadside with scattered low cover on love sand. anything runger. Fahre except Lev. long- flying arphias. Phasmids, all Jows. twest from waist. hyt unds. Parkidemona I un grand. Merminia in that grass, all sun. for. Wichopatale supt from waist. high

1955: 16 (cont.)

Out in 4 + 49 = 53

1955.58 /m. N. A Barroso, Brooks Co., Texas. Celw. 140 fut. VIII. 14, 1900. (R.) Koreside Mallow drain in soft dand, with grass and mixed medicin high Com. all recogn formes then He definite ason with any openfix plants. Miaphermera med mun. but few adults. systula jus. a few. Molorosa lixana a pair, in grand. have from you. Francalid !! June?? Milanophus Harridus Pype 18 in low Caroideman me in my low com. blichopetala in two. plants, 17, tw. ad. & and a much of juno. Com. 31 + 1218 =1244 Within ins. 1+ 53 = 54. 7 ms. N. of talfurrias,

Jim Wells Co., Texas. Elis. 170 feet.

VIII. 14, 1905. (R.)

hors com of that grass with many
pitches of why low accasion on timiles
minora like plant, and then f
full words.

1955.19 (cont.) I gov. heaghumus myst. Fyshela I juv. huge gun jus. Fruxalid 1. Cepina, a few in thent pass. Mesulla 19 in Mont pass. Paravdemma 1 on pand. Heorninghalus I in till grass, aux her chopetala in with tall unedo and in low acaria like com Cent. 16 + 1244 = 1260 Cetter ins. 2 + 17 = 16 1955.60 5.5 ms. W. of alice, sim Welles (o., Texas. Celes. 225 fret. VIII. 15, 1955. (R.) Roadside with my thort grass, & cattered misgrite and random brushes of tull grass. Diapheromera - Poudosemuele troupt I juis. Lysbula in that grass, Opicas care Paraidumna in same com. Nevromyshalus - Sinddenia frank

Full aras putthes.

Levet. 15 + 1260 = 1275. Uther wis. 1 + 56 = 57. 15.61 10.5 ms. W. A San Wiego, Mural Co., Texas. Elw voo fr. VIII. 15 1955. (R.). 1955.61 Roadside toto of vigitation along a cross-dinin, on a limestone base. that pass a winds. Dispherenera 1 jus. g. trupt. Sychola sum. but layely immet. Paraidemona ruminus in the toust com. ??? ademens ? 1 jus. 4. Falue from me of a small stand of the blush gray Hunt (ptate plant sumple!).

all sur. Coldenia gregge det frist

Compylicantas I per, hupt.

heichopitala per ung small junc. Resconsephalus I from till grasa Unt. 32+ 12/5=1307. Uther ins. 2 + 57 = 59.

1955.62 17ms.W. J. San hligs, Klund Co., Tupas. Elw. 480 fr. VIII. 15, 1950. Roadride unds and pass polities in a badly overgrazed and drought - Hotel Hrichen general area. Cevrything sun taken. Mirminia 17 talen. must. ( Theo regulary Mermina 17 talum. typhela jus. tohur. Uninpylarantha / jiw, trust. Herrinosepholus ip un fraks putch. Unt. 8 + 1307 = 1315. Ottomins. 2+19=61. 5 mo. W. of Freer, Alwal Co., Texas. Elw. 600 ft. VIII. 15, 1917. [R.] Nothing see exc. I laye canthanid butte Cesth. 0 + \\315 = 1315. Cether ins. 1 + 61 = 62, 1907.64 11 ms. W. J Freer, hlund Co., Texas. Elso. 600 ft. MIL N. 1900- (R.) Rosdaide words and grame. all sem total exc. 1 Feb. orga, last.

Thermina a few, 2 pp Fahm. Paraidemma, a fuo, in formed n Jue behicknuna Jow. melangilids - Juna? blithogetala ous jus. impt. Cerot. 10 + 1315= 1325. letter ins. 2 + 62 = 64, 1955.65 3/ms. W. of Freez, Webb Co., Texas. Celw. 500 ft. VIII. 15. 1950. (R.) Roadside with thort and tall gruss, and almost no weels. Ceverything recognized taken. Small colony of encoptshiphus in almost have whitish story tilt. Jan. hyshela must. yrituday. Orth. 7 + 1325 - 1332. letter in. 2 + 64 = 66.

1950-66 18ms. EN.E. 4 Lands, Webb-Co., Tixas. Celw. 725 fest. VM. W. 1950. (R.) Kondride mato of grass and undo in area runtly trabed by heavy rains. anything mayn. Falur. syrhila griv. mly. Mermina 19. anophlophus rv. adults - I green you. no. Melanoplido. by mall blidepetale. I ad. I austina must. Certh 11 + 1332 = 1343. Octores. 0 + 66 = 66. 1955 67 6ms. N. of Lando, Webt Co., Texas. Coles. 550 feet (an .) VIII. 16. 1955. (R.) Roadside drain at crossing of small will. Cerrything wet from last night's voin. all species reiogn. Fahren weegt I ad. Schistmen - 17 Dichopetala lost by grouping out of met! 1 p hlaphismua surpt tyshela ad , - jus. not mun Moloresa I taken. There I jus bediported. hospt. " Petristruna in undo.

Campylarantha a number of juno. Farandemons a tew. blichogetala Imm, m. Tahen ad. I toot!!! Consuphalie 18 maps. Urth. 15 + 1343 = 1358. arter is, 6 7 66 = 72 1905.68 12ms. N. of Lands, Webt Co. Texas. Celw. 720 fut (ann.). VIII. 16, 1955. (R.) Roadside purh with ans of undistarted graco, End mosquite, etc. anything wayn. Falum exc. Mermina. systema chiefly immature. apria I migt from low found com. Prolowed a few, 3 phon. Campyharanthan, fins. fremon melanoplia lad, g - a ment. of Heichogestale a much of jours. in & custain. Out. 29 + 1358 = 1387 Wither sin . 1 7 7 2 = 73.

Milanophus Handus type. 14. all run.

1 1955.69 9 mo. N. A. fork of U.S. Stand &3 one 83, Webt Co., Texas. Elw. & sofut. (ann.) VIII. 16.1917- [R.) Roadride nation com - that pass, Fall grass, bluetto, low meagnite and acacia. Compthining mozn. Them. Mirmina a fair rimber. tyrhola - with adto. - pies. Paraidemma mm. - Annejur. frem melanoplid, I ad 4, a much. of jins. Unthyrougha bustina I I in tall pass. aut. 27 + 1367 = 1414 Other wis . 1 + 73 = 74. 1905.70 26 ms. N. J. forth of U.S. Hand & 3 on & 3, Well Co., Texas. Elev. 675 fut (an.) VIII, 16, 1955. (R.) Roadside Hant and long gress, with winds in orme patches. "all opinies mogn. take exc. I teling trunca. hitamentina 1 jus. myst. Pseudosermyle 1 jus. 4 detto. Merminia a for. herchromospha a righ o apria, a fow.

arshin no. new, 1 Taken. Cinthysonytha 14 maps +. Nevenneghalus 1 pungt. Quanthus 1 trupt. Cush. 14 + 1414 = 1428, Cetter us. 1 + 74 = 75 1900.72 /m. S of asherton, plinning &, Texas. Celes. 620 4 (ann.). VIII. 16, 1950. 12. Roadside flans and wieds. I have men of all species funger. Then exc. I Seleis there the Merminia a few. apria muniono in Monter fres. arphin tro. tun, I taken. an dop trophus mumo property not at all difficult to capture. Milanyshus up. Ul giss.

1917.72 7ms. N. A Carrigo Springs, hliminit Co., Tixas. Elw. 660 ft. [an.] VIII. 16. 1957. [R.] Brond ronderede bollow with true silt yorts and thustryanly grassed with with long grass and that grass, and also 1955.71 /m. J. of asherton, Winnit Co., (1xas. Celes. 620 ft. (an.). VIII. 16.1915. (R.) Roadride grass and unds. All puns renginged taken exc. I selvistance. Paralettin I must in damp oper. Fyshela a fred. Parai demond mod mummons. from milanghido. 2 49, all som. Campy humbha "tampettotata" 13 takun fram mes grute. Trimerotropio pallidij. 1 trhum, al I taken, all seen letter ins. 2+ 75=77 1900.72 7 mo. N. of Carries Springs, Minning Co., Texas. Elw. 660 pt. (an.) VIII. 16. 1905. (R.) Brondssadiide hollow with brusilt and other heavily franced with

both long grass and Mont pass, and also Cxc. 1 febristrune. Mermina a few. aprix numelous in Monter grass. Portoneon one Taken Jumpound ruf. arphina ho seen, 1 Talum. amost tophus nummer on hu silt. rather those in taking flight. Melanglus of. 1 jus. l'araideman Consuphalus op. 1 juv. Cent 21 + 1440 = 1461. Other was. 0 + 77 = 77. Co., Fexas. Elw. 920 feet (alu.) VIII. 16, 195. 1955.73 Cepen monderede with Fall pass low araria and mergrite, ore, head tigh misgrite, much prickly pear and more Systula a few, 1 jus take. Carryoglaranthe 1 jus. telen Melanyslus Haridens og 12 tolen.

Alichopetala pro. jours. empt. Cent. 6 + 1461 = 1467. Cettur in 2 + 77 = 79 1 1955.74 5ms. Mr of Worlde, Worlde Co., Texas. Celes. 1200ft (an.). VIII.17.1955. (2.) Roadside tall and short grass with sattered minocaciones low brush, Lundopur, etc. anything resogn. Taken. Litamentria I al. rupt from pound. Wiapheromera hupt Kermina few. 1 them Kylula must pur. not rum. Boopedon tad & + for in los com , active. Porlorasa I hugt. Carrylacantha juis . " lad. "Campso" type. Paraidemana mumer in too com. Melanopher J. M. w. I ad. leps ?? authora 27 hupt. hli'chopetala jins. num. adults much less fregs. - must from toth low a high corn. Coursephalus theite 1 & rupt. Occurting on hugh Cut. 49 + 1467 = 1516 Uther is. 3+79=82

1950.73 (cont.)

1955.75 Laguna Mueces Rim, Uvalde Co., Texas. Elw. 1360ft. (au.) VIII.17.1915. (R.) Broad grassy moderides with many buches, some spring, some all partly under tall ashes. All spuis mogniged Father. Diapheromua mest, ado . - poro. Tyrkula ads: jus. seen, adults Talun. Reichromorpha viides ads. - jus. in Rente Parademma a few. Melanoplus long-w. 24 all sun, som. M. W. I pr. Them. Campylmeanthe 1 ad. 4 no. yours. no. melanoplide of two genera Fram. Wichopetala a frio immature. Consequences Histor 12, 14 orher and 36 + 1516 = 1552,

1955.76 1m.N. A. Campurra, Real Co., Texas. Elis 1760 H. (an.) VIII. 17, 1955. (R.) Roadride Fall grass a words, many spiny bushes. host 17 Dichogetela, unything else resign. Feline. herapheromera rumano, hospot. typhula a few, me taku. Campylaiantha jino. noly. hlichogethe 14 ad. no. juss. Jaken. Cent. 24 + 1552 = 1576 Other ins . 0 + 83 = 83. 1955.77 5mo. N. of Barkesdale, Edwards Co., Texas. Celw. 2000 H. (an. VIII. 17. 1955. (R.) Tall dense grass and & cattered clumps of bushes. Very little here. Compting mogn. talin exc. 1 Hypiscus. Mesolden ad. nus. fur. Campylarantha / jiw. Jus. I tuo mlangloid guns herchopetala 1 p - jus. talun. Cycloptilum 1 troups. Out. 13 + 1576 = 1589. atten ins. 0 + 83 = 83

1955.78 Gerangement sim d'Edwards Plateau, 11 m. & E. A Rock Springs, Edwards Co., Tixes. Elw. 2775 fut (en.) VIII. 17.1955. [R.) Tall and that grass on troben lunestone hufare, with thous varying in sign from pebbles to brilders. True lettle . Compthing rugo. Francisco. / Mermina - 1 Hadest. Mesorhera semal zuo. Fahen. Systale 1 pms."

Centh. 3 + 1589 = 1592. Other in. 0 + 83 = 83, 1950:79 3ms. M. A. Roch Springs, Edwards Co., Texas. Elw. 295-oft. (au.) VIII. 17. 1950. [R.] Un Edward Katran, much broken limestone, low Free com, Mont - long grass, time lucher . hun little O. Cerry Thing moon taken ex. 1 Menn - 1 Salis & Stagmomantis / Jus. myt. systula few, all pieso. Musoralon fus, adulto puro. Platylastrita Itahun in pro, all sun.

Melanoplus Estimus? lad. · / juntalen. authora 1 just. heidropetala / jus. Cycloptilia too supt. lest. 16 + 1592 = 1608, Other wis. 1+ 83 = 84. 21 ms. S. of Sonora, Sutton Co., 1955-80 Texas. Celes. 2775 ft [an.) VIII. 17, 1955. (R.) On Eduardo Plateau Cimestine, rodide und of various types (hunflown, truste and, sandspur, etc., and tall frass. Coverything resogn. Tahen. Campylacantha / por. tahun. author / jiw. myt. Dichopetala lad. I " lad. g" jins. in rund styre, all in tall und Decarthus, 1 must. Cloth. 14 + 1608 = 1622 ather is 1 + 84 = 85.

1950.79 (cont.)

Schrötnere 1 jus. Fahren.

1955.81. 3.5 mo. W. of Jonora, Jutton Co., Texas Celes. 2950 fect. VIII. 18. 1950. (R.) I all pass at cross drain and wadride tall gives and time com. Levrything rustyn. Fahren ese. I flying aretteren. Fyshula adulto mil. dif. I Trahen, all sun. Small melanoplias. La tahun. l'edisheter 14 in tall promth. Dichopetala tota and ad. - jus. Warry jus . 4m. With 20 + 1622= 1644 lether ins. 0 + 85 - ft. 1 1955.82 23 ms. W. J. Somora, Sutton Co, 1 exas. Eliv. 28 50 ft. VIII. 18, 1957 [R.] In my tall wordy grass and a few winds, roadside drain. Everything Aliphumura 17 them. Boopedon I my me - jus. tahun. Tropidolophus Jim That paro Campylarantha Jims. Michiophus Jui.

phichogestala lad. pair (not in costa) + Jimo. en taller from. Gumthers 1 supt. Cent. 13 + 1642 = 1655 letter iss, 1+ 80 = 86. 1955.83 27 mo. W. 1 Sonora, Crockett Co., Irano. Celes. 3150 fut. VIII. W. 1955. (R.) Roadride Fall pass, but ground deeple Crached by carlin drought. Mothing Except 1 Mel. parhardi noted on taken. Certh. 1 + 1600 = 1616. Ustan ins. 2 + 86 = 88 1900.84 7ms. W. A. agona, Bochett Co., Texas. Elw. 3 Z80 feet. VIII. 18, 1915. (R.) Roadoide that grass and low und patitus. Corrything rusqu. Falen. Lystula jurs: mly, 3 instars. apria 1 ad. 1 jus. tale. munstages pulled, 2 tun, 1 taken on melangelus pino, mly. Tome yetto. Melangelus pino, my.

hlichpetala jims. my.

Club 17 + 1656 = 1673. When wis. O + 8f = ff.

1900.82 (cont.)

Co. 1 crao. Elev. 3350 fut. VIII. 18, 1955. (FR.) heidrojutala. 1955.85 6 ms. E. A Sheffield, Crochetto Co., Tixes. Celev. 2625 Lut. VIII. 18. 1950- [R.]. Kunh pass on mudside and tottom land in rust side of Perso Rive. Compthing runger. Fature exc. I tchests Merminia a number, loth serso Fahren. trystula a few. Varyomala a trigte one sun - Fahre. Carrysylamotha asto + jim. Mel. Cahining 1 st. - 1 jus. two other spenies, ads. talen. heicherpetula / Juni Certh. 16 + 1673=1689. Cette ins. 1 +88 = 89. Contlia mug. behind vine. Roadside Fatt pass - other love com. Cernything runger. Fature.

1900.86 [cont.). Brotettise mum. in Corollen ad. Tim. langely adult. Upin a in rondside com, ads. ~ Compylarantha just braning adt, in 235 Mermina a few in dette. Mel. talmines ou I rondorde. " diff. I tohum " stem op. Took rises - " Dechopetala ad. 8- 4 + Just and. 39 + 1689 = 1728, letten in. 2 + fg = 91 J 1955. F7 4.5 ms. W. of Babunghild, Perso Co., lexas. alw. 3260 H. VIII. 18. 1955. (R.) Roadoide. Sparse grass a low busher. ales heavy grass and und com along a como de unote. Ales a few Covillea. all ops. noted sumed. 12 orpridm 18 then in low com. aprin a my few pies. Februs tracen I juis. in Fall rank prome. Campylaranthe e few juns Melaniplas deff. I Fahen, a few steer se

husura long on you. must. hlichopetala (and poin (seponately) and Juno. Uni of the adults mo in Corillea. Ountin I trough in Tall undo. arch. 15 + 1728=1743. Uther in. 1+91=92 1955. 88 6.5 mo. W. J. Fost Strehtm. Puro Co, Texas. 3900 feet VIII. 19. 1955. (R.) Rosdaide ngetation - Mont pass a tangles of truther und and numerous The Amelder hyte plants. Enrything runger. Inhen ex. I mennina, I ad. Borpelon -1 Campylamup a tomp. apria on Juno. Dorpidm I my mall god. Imm. publidipenses on seen, touten. Mil. Calinin 1 T taken ting- winged 17 talum. the wright milanopland i taken, all nothing, heichopetala print taken in doff, yo, duche. anthyconypha 17, 24 all from tall much. lent. 12 + 1743 3 1755. letter ins. 2 + 92 = 94.

1955.89 2ms. SW. of juntim of US. 290 and US 67 [ this 10 ms. W. of Fort Stratetin), Pero Co., Texas. Celw. 40 Jo fut. 11.19.1955. (R.)
Roadside with Montgrass [undistructed] and mion mide ( Fronthe und among Theren). brug little. Committeing resign . taken except. Trumers. pallidip. I taken. apria a for. Melanglus labrius a few. Herchopetala 37, 14 als. Taken, mm. Jues. With. 9 + 1755 = 1764. Willen ms. 1+94 = 95. Junction of US. 290 and US. 67 (W. of Junt Hose) Letockting. Perro Co, Texas. Eles. an point 400 ft. 19 June 1100 ft. W. of part to the last of the formal to the last of the formal to the last of th grass, frem - how - and troub fors, vacous Cow thrus, ome in from. Tour dossomyle min. into in put tall brunch pros. Carshiellero, 14 from bronch pass. Mismin Fixana 14, all tur.

mysel herthystala jino. alundant, fred adulto, ina variety of plants. anth. 20 + 1764 = 1784. Cetter is . 2+95 = 97 . V 1955.91 31.5 ms. M. of junction of U.S. 290 - U.S. 67, Brewster Co., Times. 5 mo. S. of Noory side road, alex. 4700 fut. VIII. 19, 1955. (R.) Kunt grass, with patches of Fall grass, mino low undo, on minoraliono low plant in Home, the flower red and vange. Comothing reargn. Fahin. herapheromna chufly unnet. Mersinia momex. few. sulveure my taken w. from Fralido min Boopedon juss only, a few. Molauritus jus inmune Wasty lotum, I pan (moted) in inon Wichoptain 18 smpt. With 38 + 1784 = 1822, Wither ino. 4 +97 = 181

Small melamplind, two taken, all

1950.92 1/ms. W. of Marather, Bruster Co., Texas. Eles front out . VIII. 19. 1955. (R.) Knadside very Fall rank grass in drain and also native low com in drew telt. Corrything rusque. Fahren exc. inspridolophus. Opin 1 Fram.

Campylacantha from. mly.

Melanghes lahimo jim. - adulto a " Imy-wight opinis. hund. Thortalistes I ad. taken Consuphalus Mitus ads. - jims. www. Other wis. 8 + 101 = 109. 1955.93 7mo. S. of Marathon, Brewster Co., Texas. Electrical VIII. 19.1955: (R.) Guatty diversified undeide - acacia, Robertinia, homble and and many the types. Compthing runger. taken! hliapheromera ahundant, and in great variety of plant com. Une large groups hystrila a few seen, the Campy lavantha 1 pm.

Assaphue blichopetale scattered un varied com. Other ins. 0+109 = 1900.94 15 mo. S. A. Marathon, Brewster Co., Texas. Edw. Jelushy VIII. 19. 1900. (R.) Black trush, tall brunch gress, Cow brunch graces and much the low com. buy limited writery. Complaint runger. Phlum. He trace of formation in Wash bush heraphumuna In fair woo, ad pino. Parsonnela a few in low truck guns. Trincrotrop - pallidizo. a few - 1 tahu. thistourna ser, jus. talu. Dichogetala in to diff. histor. Unt. 15 + 16/4 = 1889. Others. 1+100 = 110. Marthon (altrida 4) Brister Co., Texa. Elw. (child from that). VIII- 20, 1917: (R.) I all and dince gross and thortyes in Carer ground. Compthing ring. taken except 1 Merminia. ad.

1955.95 (cont) 1 jour. Mermina in tall grass. Endorma my few adults - many jours. in thater grass. Bropidm 1 jus. 4 all sun. Trimustrypis palled . me taken of mend. tropidolophus taken in mue open from with more scalling un Melanglus Cohines ads. - Jus. Jennas .. Ing.w.y. heatto. Photolistes a few jews , undy . blastyletrum a vingle male in tow growth. Unt. 32+ 1889=1921. letter in, 2 + 110 = 112. 1 1955.96 6.5 mo. W. of alyine, Brewster Co., Texas. Chul & elis. (5. g Paisans Pass), VIII. 20. 1955. (R.). and pa com. bry little adult. Cenything re tahu exc! / Merminia Diaghuma 1 p myt. Borpedon rv. juno - 2 instans Milanophus Calinus ad. " your. Photolister true ; 16/+ 1921 = 193.7. Cether in. 1 + 112 = 113.

1905.97 Paisano Pars, Presidio Co., Texas. Els. 5000 ft. VIII.20. 1955. (R.) Nation pass com with scattered truthe und and nation low throbo. Compling rugu. tahun. andrana, proso, ester numeros. Borpian my mall jus . mly . Systema to. sun, Tropidolophus 28, 16. in The same from & com, but apparently none was they we not mated. Hi authaca, 1 your supt. lett. # + 1937 = 1956.1907. Other ins. 1+113 = 114 1955.98 10.5 mo N. of Marke, Self Davis Co., Texas. Eles. (there) 111. 20, 1955. (R.) spaine and grass and any low and com in stony will wind up high, theme area neofety. Boopedin my mall juno. Autorian detto. Kanthipper I female from trup. Huface wind held. Close 5 + 1957 = 1962. Cetter in. 3 + 114 = 117

1955.99 22 mo. WNN Marfa, dut. Presidio Co, Texas. Elev. [ah.] 4600 ft. VIII. 20, 1950. (R.) Wet roadside ( heavy rown our whole area two. home vailing. Tall pass and und. Theinghudmen, 1 jin. apria / jus. Bryudm I my mall jus. V Paroponda 14. anlacara lad. 9. art. 5 + 1962 = 1967. Other ins. 6 + 117 = 123. 1955.100 4ms. 8. 4 Van Horn, Culbruson Co., Texas. Cilw. cina 4000ft. VIII. 21. 1905. (K.) apper stand of mugginte and Covilles on bally unched red lilt and grant. Almost nothing when. Bootethie ream in Covillea, langely juv. Cerch. 9 + 1967 = 1976. Other ins. 1+123 = 124. 1955.101 14ms. E. of Van Horn ( xuan hild Hana), Culturen Co., Texas. Celw. (an.) 3 950 ft. VIII. 21. 1951. (R.) Com various composites, black brush, mesgrite, conilles. bruy lettle U. - all seen Fahen.

17 Pseudoormyle myst. Bostettin a fund- adle : juno in Covillan Dichopetala - juno. only - in two different spines of plants. Cert. 7 + 1976 = 1983. Costru vis. 9 + 124 = 133. 1955.102 1m. & of Kunt, Culturan Co, Tixas. Elw (m.) 4200 fut chick. VIII. 21,1955. (K) Contlea, Mach brush , Fill grass , assor. orgitation, little in flower. Withing in that brud. Compthing Pseudosemyle 18 - 14 unpt uparately. Brotatlex mum. in Corillea Jan. Melanglus must finally. atilophus las. I in Coulles. ark. 16 + 19+3=1999. ather in 0 + 133 = 133. 1955.103 4.5 SENE. Je juntim Je U.S. 80 + U.S. 290, cart of Jean, Ruero Co., Texas. Elis. (au.) 36 50 feet. VN. 21. 1900: (R.)

bry much spared and trattered com with

with a few groups of Fall trusch grave, at a

1905.103 (cont.) Shallow wash drain under soul. long lettle 6. Psindremyle D - 4 Faken reparately in tall brush pass. I jus. also. heichopetale por only - I in low March brush, The other in Tall praise in work. lush. 4+1999= 2003 atten in. 2 + 133 = 185. 1 1955.104 1.5 mo. E. A. Toyah, Runs Co., Texas. Elw. ca. 2800 ft. VIII. 21, 1950. (R.). Rendride and wash nystation. Hout couly fran, till brush pass, dense rank frans in wash and my low scattered come in france. Pseudoremyle in tall dry humbyens only. Bropedon i jin. Then. Paropounda in with thent curly and long anthrea 1 pm. must. Melanghus purhardi type, 10 all run. Out. 24+ 2003 = 2027. Contra was. 0 + 135 = 135

1955.100 10 ms. S. 7 Pecos, Peuro Co., Tixas. Celes. (an.) 2460ft. VIII. 21, 1955. (R.) Heavy mixed brush - Shadvesh, tall truth frass, floring compositios, Con migute, Korbertinia and patele of a my low, close and mat-like com. Virtually no le noted exc. heichogetala, Which him was all udult, and in a much & interations - fran, Cochrelina and Empraites. But I make tun, Cent. 8 +2027 = 2035 Other ins 1 +135 = 136. 1900.106 22 ms. 88. 1 Perso, Revos G., Texas. Elw. 2720 fut. VIII. 21.1917. (R.) Kelutinly hunny mixed fronth in grandly tilt. a few Covilla, many Congreties, area a sem of the Bostettix a few in Civilles. ropridolophus all in a strut a my low gray griss ground mantling plant - mle his who that the plant, in 3 instairs - plant property.

Two. melangolids. myst. " behistruna hugt. " author a round . kupt. Her chapetale all run jus. wo. 1 & Tahun grund in dist. Quantities & 1 trupt. leva 45+ 2000 = 2070. atten ins. 1 + 136 = 137. 1955.10 ms. N.E. of fork of US. 290-U1.67, Peco Co, Texas. Elis. 2800ft. VIII. 22, 1955. [R.). how undoide com, mostly oparse. almost no O. Cevrything ruge. Them exc. 1 Mermina. Toudoumyle 1 jus. g. hugst. aprim a few, I ad. 1 your toler. Lew. Trimustropis. Melanylus um. lest. 14 + 2070 = 2084. Other ins. 6 + 137 = 143

1955.106.

1955.108, 10 ms. 6. A junting U.S. 290 und US. 67 6. 4 Ft Tratition, Pero Co., Texas. Celw. (an.) 240 fut. VIII. 22. 1950. (R.) tall rank grass ( roadride at moh) and spolly com on more gravelly ground. anything mogn. Then exc. I Mirmina. 1 your Toudosermyle kryst. agena I taken , all sem. Parquedon / you, all sun. melanophus lahim 17. " po. pov. much. Dichopetala 10 + 1 jour. - fromen had no hind ligo whencestruid! Quanther in trupt. Cett. 12 + 2014= 2096. action . 0 +143= 143, 1 1955.109 5.5 ms. E. of Mc Carney Upton Co., Texas. Elw. Jan. 23 50 feet. VIII. 22. 19 I all grass and word in wash drain, and meagnite and black brush in gravelly a few goniation, in the pattered black

truck - two taken, these flushed on to

ground and Then captured. They am

1955.100 (cont.) sought refuge in The dead brined low to to when roadside cleaning had beend all except the thous. Prendomnyle 18 hupt. apria 1 tahun. Campylarante lad, Me. Juss. Take. Quanthus, a rumhe hugh. art. 13 + 2096 = 2109. atten ins. 0 + 143 = 143 1 1905.110. 12.5 ms. 8. A. Rankin Reagan Co., Texas. Elw. 2550 fut. VIII. 22, 1955. (R.) Kondride tangles of heavy grass, low misgrite, cat- class and thack trush. all Houris runger. Falon ex 1 Merminia. Trudsemyle & & - ju. 4. Paraidenna Italia Campylarantha lad. . two. pros Melanglus sp. mm. un m. planto grasses, Fangles prefund. phlitima bes. jus. arethan 1 jus. myst.

Dichogetala for adult but num. Jino. In trad much of come Cecanthes 3 mgst Certh 37 + 2109 = 2146. Other in. 0 + 143 = 143. 905.111 5.5 mo. 6. of Barulart, Srion Co., Texas. Elss. 2400 feet. 1111,22,195.(4.) Rondride unedo - mainly um-endlessie, Uny little O. - unything runge Fatur ex. 1 minina. Bropedon / pw. Mest Augura fusi from me me true fr.
Paropriale I jiw. in toll pass.
Campylarantha I jiw. Deichopetala / znv. Ceth 5+2146 = 2151. Ulther is. 0 + 143 = 143 J1955,112 17 mo. ENE. of Burnhart, Rion Co., Texas. Elw. [an.) 2100 fux. 14111. 22, 1955. [R.) how and unist-high native come curly france, the low gray plant mentioned in yesterday's notes, and tall pass in

1950.112 (cont.) in mall mich. Ennything runge taken exc. 1 Merminia. Diaphermura ads. rel. mark nummer. also juss. Opera a fre. Porpudan prissinly. ageneolities I Tohin. Propidolyshie 1 ad. Jim in at least how as noted gratuiday. Melangles lahines muneros. author I ad. I must blestyletin, me in hlichopetala a number net quite adult. Outh. 38 + 2151 = 2189. action is. 0 + 143 = 143 19 15.113 /m. ENE. of Tomkensly, Tom Green Co., Texas. Elw. 1800 ft. VIM. 22,1900- (R.). Short - tall fraces and low and tall und. anything rusque tetur exc. Missing - Lad. Lybula Trimerstragio pullis. humal seen I taken

red-leg. 1 jiw. Father.

Utter vis. 12 + 143 = 155 Tom Grun Co., Texas. Elw. [an.) 2750ft. VIIIV 23, 1957. [R.] Rosdoide Fall gass and word, some in musty int drain. Everything revoge. Fahren exc. 1 Helan. dif. " lad. Camplac. Diapheromera in Fall rank grass. Mermiria punal. Paroponela 1 jus. Campylacantha 17ml. anh. 19 + 2195 = 2214. Other in. 3 + 155 = 158, 1955.115. 3 mo. ENE. of Harriett. Tom grun Co., Ty. Elw. (an.) 1640ft. VIII. 23, 1950- (R.) Medium high dry press, low merguite, prichly pear, under trattened put like merginte. anything tren taken.

her chapitala 14 Fatien, all sum.

Outh 6 + 2189 = 2195

1955 115 (courts) bleaghermen in in hisher including tow mis quite. Merninia action, a much. systale dette. truments, pullidige. a few Campylanantes lad - jims. Thu. Melanoplus flander type on. heichopitale 24 mights Out. 15 + 224 = 2229 ather in. 1+158 = 159 1955.116 .8 m. 6. J. Benoit, Rumula Co., Texas. Elw. (an.) 1500 ft. 1111. 23, 1955. Roadside tall growth, thisthe, sunflame, foundagine, low merginte unal composite. All species renge. Them. hydula mumo, alt. aprin 1 then . - agenestation 1 the amportaranthe lad. The. Melasisples dif a few parhardo a mucho M. w. prices not summer Connigh Fritting a few in Fell pars.

Wichopetala in michi of propotations Quanting prince minging. auch. 41 + 2229 = 2270. Other in . 0 + 159 = 159 1955.117 2 mo. W. of Valera, Coleman Co., Texas. Elw. Janu.) 1760 fut. VIII. 23, Roadride, in me side distribut com with und com, in the then nation com. Compling mogn. Falun Poudocermyle in nation com. hybrida admir. in dis night coul. " instructy, in nation com. agenestaties in the p. in nature and. Merminia france. He Hadrotettic and rangery, Mel, diff. ditto Uther ins. 1 + 107 = 10%

1955.118 5 mo. & E. J. Coleman, Coleman Co., Texas. Elw. Can. Froger. VIII. 23, 1950 Ut roadside park. Hatin low com, to under I cattered mergrite, Many composites, prichly pear, etc. Corrything ruger. Fature es. 1 Mil. diff. Phiedocomple mm. 22 - pus, 22. Lydula few. 1 grav. Tahun. Cepua a frie no. agundellix dello. Platylastista 2 from tarranas, metalin. munstryin - red leg. I Taken, all seen. Complementha thifly goes. Milanoplus M.-w. puis, 12: 60 isten wantylotum all som, 17, 15 Taken ty. l'araidemma not mumous. Wastylo herchopetala grunal in with bush i prass, but I male Tilen. Rehmia mitmine, 14 trupt from low com, but man meggente true. Cumthet pupt. 39+ 12+ )=2326 Within in. 1+ 107=160

1955.119 4 ms. J. S. 1. 1 Brownwood, Brown Co, icras. Elw. (an.) 1420ft. VIII. 24, 195. (R.) Whenst nothing. Rondride mainte, Cuth. 6 T 2326 = 2332. ether is. 0 + 160 = 160. 195:120 8ms. JSW. A. Ewwww. Brown B., iras. Color. (au.) 1350 feet. VIII. 24.1900. (R.) Dimestine surface. Roadside, part rull rank gruss, Then town grass and think com! Compling resign. tohun esc. I Schristonen. Poudoungle with use adult, in grass. Lydula adm. not num. Misminia a mucha. Trimertropis red-legged, a few on Vari opoto, 2 talem Hadroller a free, my action. Augustithia operson a few. Campylarantha ust mum, atto - jus. Milamplus diff. a frew. pusharde a much.

flanders type, wo taken

1900.120 (cont.). Austraca 18, 24, most oringles, all sun. Wisnesthus myst. Unt. 33 7 2332 = 2365. Within in. 2 + 160 = 162. igro-121 6m. S. of Windell, Mc Cullock Co. ( was. Elw. (an.). 1/20 fr. VIII. 24, 1950. ( P. Roudride, largely nation com. Compling Turguized Falure. Diaghumma 13 - 1 marly ad. 4. hydrela a fres. Mirmia mmm. Platylastrata so. seen on born apoto, i taken. Melanghus of a few rem, 2 p talen. Unitain 19 mpt. Outh. 11 T 2365=2376. Other ins. 0 + 162 = 162. 1915.122 3 ms. NE. of Brady, McCullock Co., Tiras. Elev. 1700 ft. (an.). 111.24. 1914. (8) Knodside nation com an nome timestone. anything resogn then exe. I bunded Trumohopio, appar. in a Fahren at ,955. 120.

hough pormally. aguistities for. Milanglus parhardi num. The puris, 4 Taken, Ceranshino myst, and 21 + 2376 = 2397. With in. 0 + 162 = 162. 1 195:123 8.5 ms. J. 4 / mady, Me Cullich Co., unas. Elw. 1500 for VIII. 24, 1900. [R.) Water savid com and some tall yours apparently admition. Comey. Then weren. taken use. I delistruca. Freidorennyle and Wagohumman in munters fismales much fur. curring palled. a few. Milsurglus Cahrier 1 talen Corretain must (i) from the main With. 11 + 1397 = 2408.

P fundroungle aboundant, that is II,

1951:124 . 5m. S. f. Loyal Valley, Maron Co., Texas. Elw. (an.) 1350 ft. VIII. 24, 1907. [R.]. hargely nature com, much wrist with with joint cartus, prickly pear and minumer low yunas. all rurge. Fahrer es c. had Podousa Brummia 1 & myt. hitamentria 3 pero. myst. Deaphummen II knyst. Prudoungle jus. rught systema 1 4 them. Wichronopha 1 The. Melanglus of. 17in. Jumpylamantha per gurs author 16 roget. att. 17 + 2408 = 2425. atten is. OT 165 = 165.

J 1955. 125 7ms. SS & A Cherrysping.

Gillespie Co., Texas. Elw. (un.) 2000 fx.

VIII. 24, 1955 (R.)

Area of partially nation come, with

yurra, probly pian, etc., but puntated
by tundepin, etc., but puntated

pharmids. Poudoungle with uses, note who pallen of & & home. Dispheromena tota user, ge net quite adult. Paraidemona / men - Tahen Ucanthino 1 trupt. and. 19 T2425 = 2444. Cetter in 0 T165 = 165, 1950:126 3 ms. G. A Fredericksburg, Gillespie Co., Texas. Elw. (an.) 1450 feet VIII. 25. 1955- [R.) bry little - way Thing ruge. them ex 1 Kerm. aist. Roadisch - that . med . high gress - much Landspur. systala, a few. inedaller -Certh. 10 + 2444 = 2454.

1955.127 1 m. E. of Hya, Blanco Co., Texas. Elev. (an.) 1260 st. VIII. 25, 1955. (R.) Try tittle. Enything rugn. Fatin exc. Schristrena. I ochistruma. Kondride frans und brun potte un limester. Systale jus. mly sun. apria prev. only. Tamestropies set by Spharegum in almost Une limestone gut. Uccanther must: true 1 jus. taken aut. 5 + 2454 = 2409. Cother in. 0 +165 = 165. 1951:128 Hills 4. 5ms. S. A. Johnson City, Blanco Co., Texas. Eles. (un.) 1210 fut. VIII. 25, 1957- (R.) himsetine rufaces with your stand Prinderingle Both lexes, gins. Systrata instern op. 18, 14 taken. Protocson I myra. Jus. Chortophaga Italia munits. pallid. I take New-legged. 10, 10 Then. Catyloctista I tale

Oceanthus I myst. and 19 + 2409 = 2478. Other in . 0 + 165 = 165. 1900:129 3 ms. &E. of Blanco, Blanco Co., Texas. Celw. (an.) 1075 feet. VIII. 25, 1955. (R.) Grassy modeile. Cernything resign. tahun exc. I fan flying Schristrema. Budoumyle jus. mly. Lyshela ad. + Jims. Comptetophus / Frhu. Spharagemen I taken, untites seen. phistrum I jus. Film. Herpustelling inidis type 14 talini. Cycloptilum / myst. utters pupl Cent. 16 + 2478 = 2494.

Paraidemma 14 Tahun.

Cycloptilian in myst.

1955.130 8ms. St. of Blanco, Blanco Co, Tex. Celes. (au.) 900 feet. 1111. 25, 1955. [R.) Matrin grass and taller com in Constine Cerry Thing mogn Falen. heorphismum I ad. & Jud. in grass. typhula fuw. authorizadia purs. mly, must. Misorhlon I pri . trhim Hippious Imp., all men. author 1/2 mipt. Milangles 70. [K. 4] Consuphalus juv. only. arthuris. 0 + 166 = 166. 1955.131 4ms. 82. A Fischer, Comal Co., Tex. alw. (an.) 900 ft. VIII. 25, 1957. (R.). Matin com with much yoursa. Conything ruge. Falin. Toudoumyle and blughermer humans males, no adult & f here typhola 1 jiw. Bhu. Missella jus. my. Hippious 1 Tahan, all men. this true 1 jour. taken. author 10 hyt.

Cetter in. 0 +166 = 166. Hays Co., Texas. Elev. (an.) broft. VIII. 25, 1900-Rouside Montpass inthe tome taller truck pass, Cerrything runger. exc. Menning Prudosernugle jus. mly Misochlan m. adults. leith. 7 + 25-35 = 2542 Other ins. 0 + 166 = 166. 1955. 133 4 mo. W. g San Marioa, Nays Co., Texas. Elw. (an.) 600ft. VIII. 25. 125. Exc. for I Mermina myth. my. Phudosermyh " Disphermuna & D. not adult as yet: Atagnismantis juno. Mun.

Litamentres ou juno . myst.

Cyclystilian a few rough.

and 284 2507 = 2535.

organica adulto. Paraidemona 1 Talum. Melanophus robertus? prijh mak in heavist com. Melanglus h. w. loth xxxx - Inal. author 14 maps. Quanthus myst. and. 35+ 25-42 = 2577. Cestin in 0 + 166 = 166. 1955.134 16 ms. NE. of Van Marcoo. Caldwell Co., Texas. Color. (check!) VIII. 26. 1957: [12.). Ca. 560 ft. Rosaride Fall press - rank word. Working sun exc. what was taken. pr. plasmid. " Hagmomantis Coursephalers 10. Out. 3 + 2577 = 2580. Other is. 1 + 166 = 167. 1955. 135 6ms. W.SW. of Cidar Circh wing. Bartrop Co., Texas. (class!) Co. 200 VIII. 16, 1905. [R.1 by mixed and works. Cerry thing recognized Taken.

Pseudosermyle 19 majt. Alexandelle 2 ad. Ting. Borgedon 18 min Orphia a minder from Islan. Milanophus M. W. op. 17 ohn. Ims. the . Paraidennes 1 Taha. authora 17 mpt. Conocephalus 17 hupt Cont. 28 + 280 = 2608. Other in. 0 + 167 = 16) 1955, 136 6ms. NE. of Cedar Cute. Bustrop Co., Texas. Elex (chart) WIII. 26, 195. (R.) Watin tall grass . Mouth Pseudocernyle 10. juns. Syrhola Tumu Constitytropidia my on, jono. Portoresa my mall juno agenestaties 1 tohin. Chartophaga nu tahu. Johnagemen Im brugemed.

Schistmena / jus. 1 ad. I munigimo. austres & must. Out. 29 + 2608 = 2636. Other in. 0 + 167 = 167. 1955. 137 2 ms. N.E. of Backop, Backtop Co, Texas. Eles. Well. VIII. 26. 1955. [R.) Edge of your jime words (appear, not trug-leaf) prine), in gross and then tode com. Cerrything magn. tohun exc. 1 arphia. Pseudosungle 17 - 1 jus. Alispturmana 14. Chartyshaga Frahm. Cest. 5 + 2636 = 2641. atten in. 0 + 167 = 167. 1955.138 Manheim, her Co., Texas. Elevation check VIII. 26.1917. (R.) he grass and low com under open the under Emything runger. Them. Dispheromen 18 Fahren. Poudosernyle jus. Tahu.

Lyshela munn Minnin a fre. Combytropidia / jow. Fahre. aphuldla ad - 1 par. John. l'Apprio aus tre true - Falur. Wilaunghus M. w. took recoud. - purs. Melanoplus long-w. a tright of hun -To located. levote. 26 + 2641 = 2667, Uthur ins. 0 +167 = 167. J 1955. 139 5 mo. NE. of alld Dine 130x, Burlison Co., Texas. Storm? VIII. 26, 1955. Ald field with much tall grass and dry drawinth rank grass. Cennything mogn. Fahren ckc. Mermina. Bruma lad go a prus p. (not in dian pass! Milanoplus Juv. nenououphalus 14 (mit in drain gras) land. 6 + 2667 = 2673. Other ins. 0 + 1670167.

1900.140 6.5 mo. NE. of Bryan, Brages Co., Texas. Stern VIII. 27, 1900. (R.) Roadside in oak words area, also dry drain with much tall press - There are would. Cevery Thing worgh. then exc. ! arphia. Brumma 14 ad. trupt. tyrtula um. als . zins. Morninia my few. Hippious a few, me taken Milanophus the-w. a few. 1 then. diff. I taken, all seen. " wheaters? 14, in heavy Trayle. anthyrougha 17 mest. Morninghalus 1 pm. Certh. 11 + 2673 = 2684. Other ins. 4+167=171. 1 1955.141 5.5 ms. N.S. of Madisonville. Madison Co., Texas. Exactor VIII. 27, 1955 (R.) That grass with restlind hunch grave under open stand of rate. Empthing magninged Wiaphermun I & all Them. Psindroungle zum. zu 4 p adult. dystula num. ads. your. Cerpholella a few, adulto - press. Mesochlaa in tow com, a few. Chartyshaga 1 tohun (rachystachies I just tohen. Hypines with more taken. Campylarantha I junghu. Milanophus C. W. It taken h. w. treally common, but only in a my small area of Taufed com. and. 55 + 2684 = 2739. ather ins. 0 + 171 = 171. 1950142 1 m. NE. of Sand Ridge Houston Co., Texas. Sex. VIII. 27.1905. (R.) Road mound grass along Ad full. witnestly nothing, complhing ringer, then. Exphila a fow. Cerphille ads pins. Cert 11 + 2739 = 2750. Cether was. 0 + 171 = 471

Hagmonartho 1 por, taken

1955.143 austonio, Honoton Co., Icxas. Setter ? VIII. 27, 1915. (R.) Roadside park. frass and thruthing of varino onto under open struck of oaks. bry pm. Withing ringen. other than from Pseudosermyle 17. hlisphumma 2 jus. hybrila mum., ads . Juss . Unghalella udo press. Hermosphalus I jus. talu. level. 13 + 2750 = 2763. letter vis. 0 + 171 = 171. 1.5 ms. N. of Latero, Houston Elw. 400 ft. VIII. 27. 1955. (R.) J 1905. 144 Co., Texas. Roadside grass and weeks, tall grass, Part pass, some sandspur, also dry Sundy drain. hliapheranna 1 juv. g. Lychula a fus de lephaldla juno. and Chartyhaga Italin.

Trachyrhachis two. ads. - / juw. in drain, other Connephalus 12 tahun. Cest. 16 + 2763 = 2779. Other us. 0 + 171 = 171. 1900.140 4 ms. N. of grapuland, Honoton Con Texas. Elw. 500ft. VIN. 27.1900. (R.) Uld field grown up in tall grass and many hinds of words, Centy thing rugn. Fahin. (trinly Famples) Psystala - instin prico - I fimale. Theing heromera ad. In g. Pandreungle hv. o mly. Cumpylacantha I Ferral ad. - just Milanoplus t.w. p. Kummen. M. W. yo. In fair nes. - local. Ocanthino 1 houghts last. 26 +2779 = 2805. Cooker ins. 1+ 171=172

1955.146 3.8 mo. N. B. attenta, Carolo, Texas. Celes. Ca. 350pt. VIII. 28, 1950. (R.). he internal of rains. Broad hollow with both that grass (partly mound) and runger. Fahren exc. Cuphia - ad. Schistrena. Brunnia 2 4 p myst. Fishula abundant. Verphildela 1 Fahra. agentettex 1 Fahren. Melanoplus t. w. sp. 18 16, others noticed. Quanthus in host to take Cert. 17 + 280 = 2822. Other ins. 0+172 = 172. Els. ca. 350 pt. VIII. 29. 1950: (R.). 1955.147 I all pass and wieds, but native com, colony edge of neixed undo, in red clay. Cerringthing morgen. Taken exc. Augher. Syrhola a ford. Brunnina 2 st. - 3 jin of the many for the party of the winter of the rank party and the rank party and the rank party. Wingheromers prices. a vanisty of syste. authorizates & hospit.

atten in. 0+172 = 172 1955.148 6 ms. & A Gardond Lafayette.
Co., arkansono. Eliv. ca. 230 f v.11. 29,1955. & Kordaide rank unds and grasse and border vegetation of done wiseld unde. Enigthing ruge. taten exc. arphia. Rain Threatening momentant hliajshumma 27-1 jus. 4. Brunnia 1 ad. g. Falen. tystula a few. Orphulella 1 jus. Tahun. Melanophio C.w. 14 taken. Campylanartha 14 taken auchstone you I taken 0+172=172

Cont. 14 + 2822 = 2836.

1955.149 5 ms. M. of himmend Jefferen Co., artemias. 1111.50, 1955. (R.) O VF late along arkansas Rin wadride Cennything unt and little much could be stronger and alonst wothing unld mon. Much allumpted in roadside grass and much and old fild. anything morninged taken. Hypiscus no. taken, there seen. Crisciphalus fara. 2 ads. totas, min. jims. Hea and. + + 2848 = 2852. Other ins. 0 + 172= 172 1955.150 3 ms. 8 E. A. Gould, Dusha Co., Carlemans. VIII. 38, 1955. (R.). how bottom land grown up in mines winds a tall grantes. Compthing myn. tahun exc. Hyppiacus Tettigiden ads - jus. in futter spots Dichronopha With was Falin Fyshela I ad. them. Melanophus femus-ruhum - a few Parrya horrieri 10 - us mue sun auchelinium volgare 16. negujes 17 taken. by hatimen? Both sexe taken.

" thirtus alund. Unt. 44 + 2852 = 2896. letter ins 0 + 672= 172. 1958.151 7. Jms. J. J. Me Gehee, Chicot Co., arkamano VIII. 50, 1917: [R.) Roadside with heavy grass and nation The character, with standing Hallow water along hard word frust layely in unter! anything usticed taken lettigidea rummino, ad. pies. heichroningha tw. taten Approus me on drew notim. Connigh fase, manum. thinks he taken. hylles in in dup pars. Wish . 28 + 2896 = 2924 letter ins. 0 +172 = 172.

Consuphalus Jasc. a rumb.

1955.152 9 ms. E. of grunned, in Carroll Co., Miss. Elw. 170/4. 31, 1950: (R.) On top of andown instern hader of bluffer. arry Thing ruge. Fatim. In Fall grass and wirds and in town grass. Brownia in all Esterations. adults " piers in two instans. Hote the me brown jind! Systema 1 Fahren. Mermina 14 Fahren, all now Melanglus Jus. lend. 14 + 2924 = 2938. attur vies. 0 + 172 = 172. 1955.153 2ms. & Candleton, Candle Got, Miss. VIII.31, 198. (R.). Harring roadside Ender and in heavy Brunnia vadride in mixed pass o mels. Disphermena in words. I with requisited In leg. If all jims.
Inharagemen " what w. Melan. in low words

Connept. Atritas undride press. and. 10 + 2938 = 2948. Cetter is. 0 + 1/2 = 1/2, 1950:154 7.5 ms. E. J. Winoma, Montgomery Co., Miss. VIII. 31, 1950: (R.) under and tall passes. Excepthe ruge. tahu, wo. Alicit done. Andlytropidia jus. in under underge.

Syntale I taken, rendride.

Chartyphyse rondride. Hippisons I rondide Milanylus jiw. roalside. Schrotruna jou malside nushing you. in words under. Unit. 8 + 2946 = 2956. action in. 0+ 172=172 1955.155 2ms. 6. 1 Mathiston, Centit faha Co., Miss. +111.31,1950- (R.)

but dhiefly out, and in roading.

1900. 105 (ant.). Earnything rays. Taken . Brunnen, undside. hlugherman & jiws. in words.
Typhela madride . Metalyte 1 jun madride for authstropidia jus. rum. in unds. Melangelus jus. medside. mes. IT madride. Campylarante 16, rosdside admitisciplidium 10. in madride Mont pass Cent. 18 + 2956 = 2974. Other ins. 1+172=173. 1950. 106 12 ms. 6. of Mathiston, Whiththe Co., Muss. VIII. 31, 1957. (R.) grand com of mixed undo ( mainly Vools), and in roadside - ditch with grasses and mids. Congthing rusque. Fahre. Mothering at Tettigides municum in me tour moderide and (a divid-up damp sport). Nestettes I man same and byt muchdie aythella uds . - juns . Lybela a nuch. metaleplie sund jum.

arphia I talum. Dippisons a pair Falur melanglus mer. 12. Campylarantha 14 taten. Suiddin 10 till und. adontruphidum 12 waside. With. 29 + 2974 = 3003, Cettur in. 1+173 = 174 1955, 157 8 ms. W. A Columbus, Lowender Co., Miss. VIII. 31, 1955. (R.) Drug heavy, and dense moderile trayles of route grasses and trailing numeraccons broses - a taugle of the trushest character. Cerrything mogn. tohur exc. I the amer. aphilla 1 Falm. " fac. numer. Und. 9 + 3003 = 3012 Certin ins. 0 + 174 = 174

1955.158 4 ms. E. 1 Mississippi line, Pichens Co., Cela. # 1x.1.1955. [R.) Ald fild anditions, roadside -Indu of mixed words. Corrything ruogn. tahun exc. ad. behist. amer. Approximo 17, 14. Tahun. Trimerstrop, citrina me in road grant, all Melanylus funn melun & round da frie Mr. w. are along work edge. Remouph. I por. in mulo. Examples hopt. level. 14+3012 = 3026. ather in 3 + 174 = 177. 1955.159 4 ms. & E. of Ethelsville, Pichum Co., ala. 1x.1.1955. [42. he my tall grass and undo. try lettle, all tohur rerogn. exa ad. khist, amer, Brumuna in pass - undo. notethis in hum soil. Lyshula a fun

Suthytropidie . Jus .

Melanophus mex. a fui. With. 4 + 3026 = 3030. athen in 0 + 177 = 177.

1905-160. 1m.W. 1 Reform, Pidemo Co., ala. 1x. 1.1950.0 [R.) Kondride + cut-our price land. Compthing resogn. taken except ad. behist. ann. Brunnin in pass - nation com in grown - up cut me più tand. netitie in his mil systula, a much. andytropidi juso . min Whist ann. your. Melanglus finner rubum for thew. I take all me. admit xiphiding 1/2 in thente fram. Out. 12 + 3030 = 3042. Cetter ins. 1 + 177 = 178. 1905.161 4ms. Ef E. of Gordo, Pichus Co., ala. 1x.1.1955. (R.) Konderde purh, under open pine - oak words. With down There and in adjacent Not fild anditions. Compling reson. tahun ex. ad. Ich. amm. Lad. Sudderia. Brunnia I in Ad fild and. Systula almost fund. Mermina 12, all seen. apphulabla, a fus.

ayohan a few, 2 bohn Hippious dette, 1 Falue. Shistruma anne mos. Talum, in. who phases. dannifica 10 Fatien, all rurge. Compylarantha 1 Tak. the. Let Consuphalus Misters To Talen. Cert . 28 + 3042 = 3070. Cetture 2000. 0 + 178 = 178. 1955.162 5ms. SE A Turcaloraa, Turcaloraa Co., ala alwissofi, 1955. (R.) Odge of mixed words with low viginal frank com undistribed in totts. anything moon, taken. Heatettix on claying a gravelly fromed, Nonvotettis, have situation arghentilla 1 por. Fohm. Chartophaga lad. + 1 just Fahren.

Lehin Freien ann. I towned deflet taken.

Undlytrypdia pow. Then

Linddina 12 taken, mumus thus run. Museumsch 1 jus. ungst. lest. 24 + 3070 = 3094. Other in. 1 + 178 = 179. 1955:163 3/4m. FE. M. Pearson, Bitt G. ala. 1x.1.1955. (R.) 4.330 p. [Pearson in just no just All fild condition along roadway and Jai Rel right of way. Consepting runge. Fatien. Teyphilles 1 thm. antlytropidia you. I shen. Merminia 16, all sum. Melanylus inex. munus Coursephalus face. Then. Messmuch. 1 pm. + 3094 = 3198. letter in. 1+179 = 180.

Milanophus ferminale mix. 1 & Fahre.

1955 162 [cont.]

1955.164 3 ms. NE. of Contriville, Bible Co., ala. 1x. 2. 1955. (SANNIN) [R.] Rosdiide and Inder of, and within, mixed ? Radonstatum - like jus . a fur in unds dystrola rumino Cerphulolla wood elge - restich. Cimblestropidia juis. mun. und-edge a in Chortophaga Ijno. medade. Dippiocus / Fahre, modride. This trema I roadsixf- then hun. Milanoplus op. madride Nesperstellis bunjamin 1 p. words hade confination plants, in oak trust com. Cont. 24 + 3108 - 3132. Certa in. 0 + 180 = 180. Shelly Co., ala. Ew. ca. 540 pt. 1x. 2. 1955. (R.) "prime) and wisher latter.

authypropride jim. in with words and along redge of same. Chortophiga / jour roadside. Melanophus mir. moderde. M. w. in und, 14 1 jus. Conocyphalus Mitter 10 rondrede. adout ripliedin 18 in undi mely Newmorth. I jus. undside selfer Unt. 16 + 3132 = 3148. letter ins. 0 + 180 = 160. 1955. 166. Hear Wilsonielle, 8ms. N.E. J-Columbiana Shelby Co., ala. Elw. ca. 420 ft. 1X. 2. 1950. (R.) Kradside and unwound railind right of way, Cernything runger. Tahun Brummia in tall winds - all run. aphulilla jus. mly Talum. Arppiseus I tatum, sur sun. thist. ame. I take for much seen Helangolius mes. should. Nevermengh. I jus. them. Cecanthus must. Und. 10 + 3148 = 3158. letter we. 3 + 180=183.

1955.167 8. 5 ms. NNE. A Vincent, St. Clair Co., ala. Elw. ca. 480 ft. 1X. 2, 1950 (8)
Rondside tall medo andgraso a londer of, and within, mixed words. bruy Cuntlytropidia jus. in n un hide Hespertitix herip. 19 in Com Com along worst edge. Juddina mus. in tall und Cent. 8- Hyring into und. Coster ins. 0 + 183 = 183, 1955.168 74ills 10 ms. 8W. of ashville, St. Clair Cs., ala. Elw. Ec. 700 ft. 1x.2.1950. (R.) Curida 19 modo

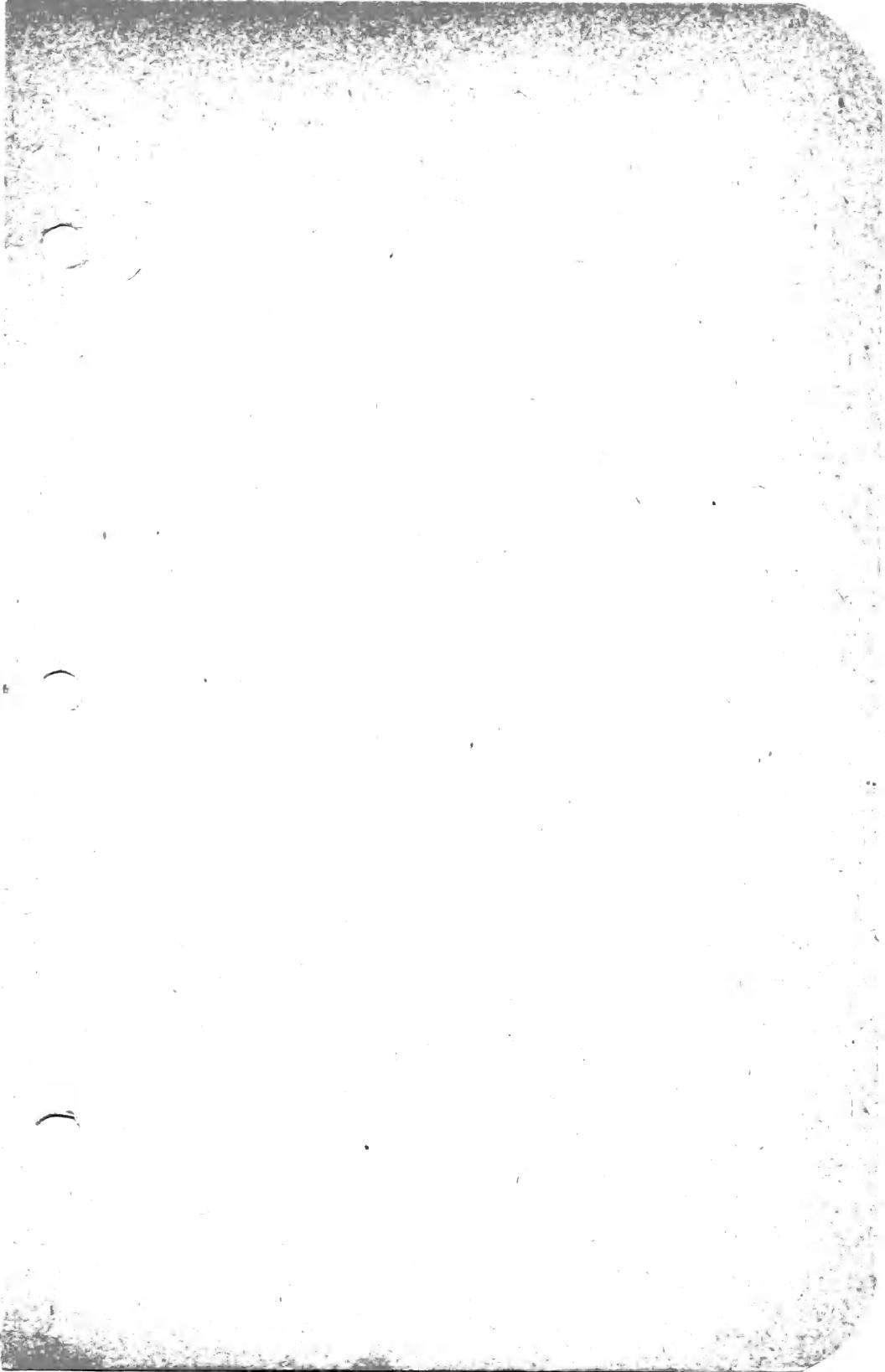
1955.168 (cont.)

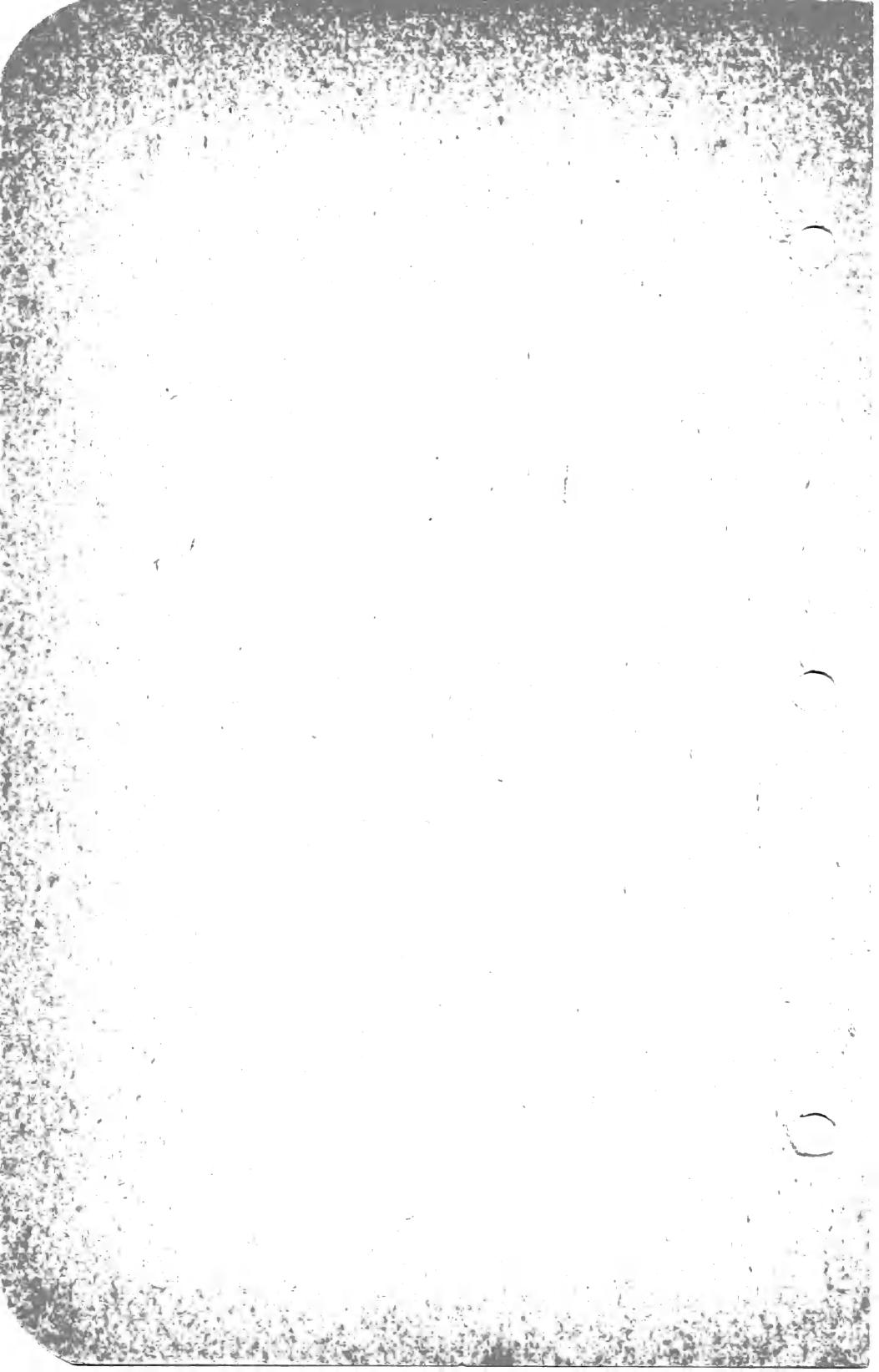
Clisto. 11 + 3162 = 3173.

Cetter wir. 0 + 183 = 183.

Total for mason.

ŕ



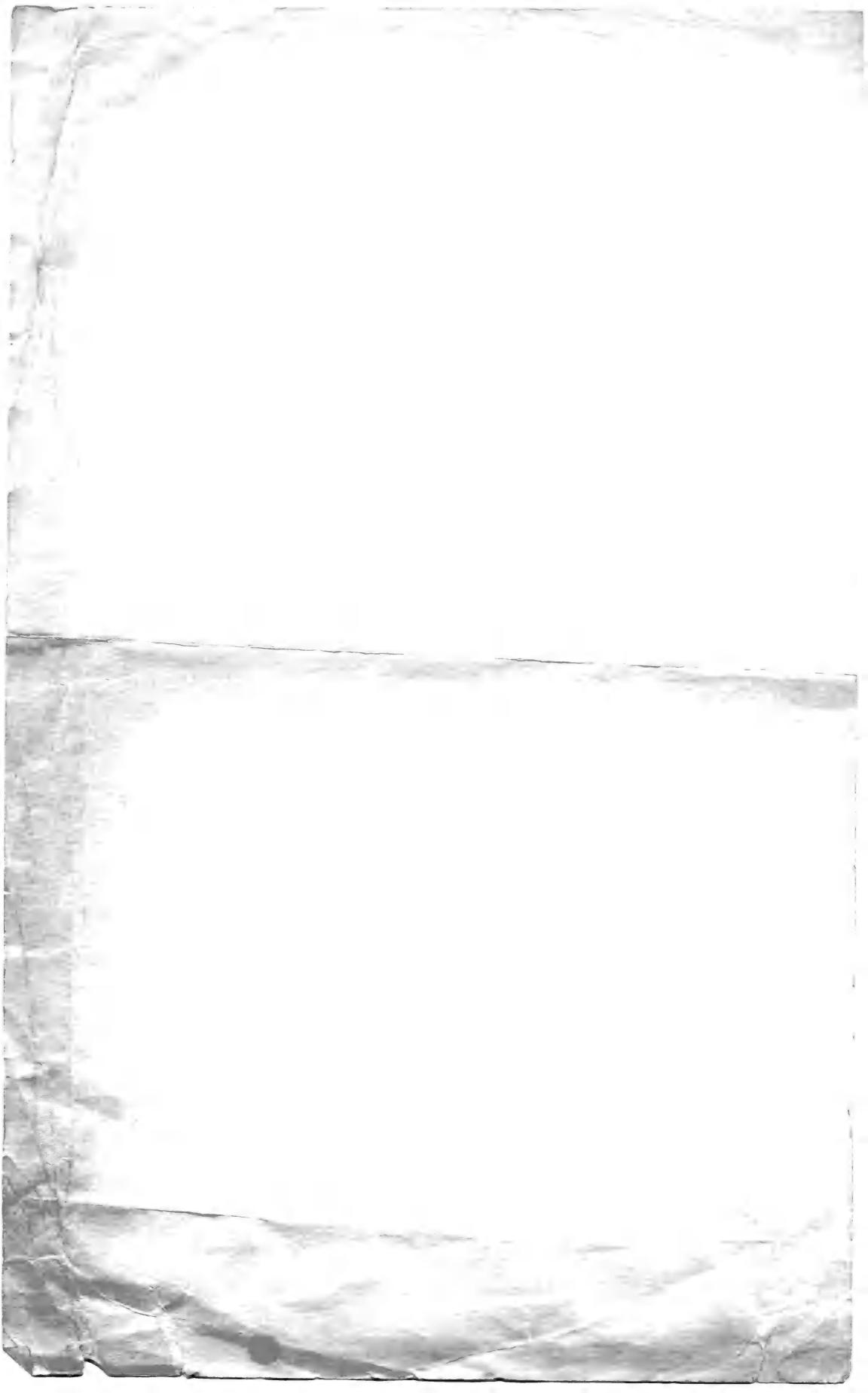


APPROVED AAA MOTEL

## AIR CONDITIONED Owned and Operated by MR. & MRS. CHAS. CARO

## MADTINI MOTEL

	MARTIN MOTEL			
5	ROLLA, MISSOURI	PHONE 277		
No. 4	Stations listed by of	tates .	Recine	
So. Wealto.	N/ 11		166	
No. Delta	12/11/	8	(287)	
Montana	WIM WHI H	1/11/1 29	(906)	
Idaho	MINIMI	15	578	
Henda.	MMX, MMX./XIIII	29	57	
Cal.	11/1/11/11/	18	776	
Utsh.				
angma	M MI MI MI MI MI M		1211	
	THE IN THE THE THE		1714	
nm.	IN MI MI MI	20	34	
Ty.	134 MK 1		2727	
alla.	MI MI			
		//	214)	



1986 1 9 ms N & Gankton, Gankton Co, for hlahota VIII. 1. 1956. (R) Elw. an 1250 ft (fet at 1200 at Gankton) do connet lutur. Spitting must. Kondride unds of various opinis Indering adulto on ground thele op, all govo. Occamitan adult front. Wish. 6+0=6 ather in 4 + 0 = 4 1906 2 1.5 ms. J. of Stanley Comers, 6. 7 Bridgewater, Me Cook Co, So. Dahota. VIII. 1, 19, 16, (R) Celes 1400 m Ganhton him Concast. For things adult Cong thing in undside dry ditch of mids of me hinds incl. withinked Wil jus. zumerous. Chortheppus, a single T, all seen. Rephalella I ad. - 1 jus. taken Mil firmer- rubrum last taken. Conoceph strectus num chiefly jins " fasce 18 tahun. Memohins I just Fahre. land. 20 + 6 = 26. When in 10 + 4 = 14.

1956.3 2 ms SE. of Forestburg, Santonn Co., So. Dahoto. VIII. 1, 1906 (R.) Elw. 1200/2 in Gunhton basis ( see alove) Shy dull trolly roulside spot with some waters com. all a secutation ten adults. Thendopomala 14 tahen, all seen, appear. in tall fran, prob. androprym aquestation me app. on fround. Alphulella few, 2 taken. Opera 2 adults taken. Mel. p. all jus Ceritallus 1 om. por. Fahren Carphia 2 juns. Fahren appar 1 jus. Chartrystage Converghalus raltans? a few. Out 18 + 26 = 44. 1906 4 8.5 ms, W. A Huron, Bradle Co, So. Llahota. VIII. 1. 1908 (R.) Elw.

1906 + 8.5 ms, W. f. Huron Beadle Co,

So. Alshota. VIII. 1, 1908 (R.) Elw.
1300 ft. m. Yunhtm brais ( see preceding).

Roadside undo + grassio Little O. Shy Leg.

adult. all opinies range the.

Urphulilla 1 adult take.

Mel f.-ruhum 1 pr. take.

Constru Mestonoreph sp. 1 jns surpt.

Oth 4 + 44 = 48

Oth in. 3 + 10 = 16

1906 5 Spottowood, Spink Co., So. Alahota. VIII. 1. 1906. CR.) Eles 1300 na yantom hues - su prending a small patch of apparently undistructed prairie com of varied orgitation, ungraped. Enry species of a. renguesed was taken Mennina man. muchingi 20, 24, all um take aprin a rumh. all ad. Alphulella a much. all al. Meropedelles a mugle I taken agmentettex a fur. apphia typnala I ad - all kun. muly hachis 12, 19, all our, on fr. Mel. dansoni lad. I all som " sp. 1 ad. - jim. Phastalotes su pars, mly. Connept. Metrice als. + juis. Ocean Thus I hospit. Unit 37 + 48= 85-

1956 6 Betw. gretna and Bowdle, Edminido Co, Vo. Dakota VIII 2, 1908. (R.). Celer (on Grubeton busis) 2300 ft. - pros grite The high. Overcast with for - light rum. In ungraped and undistrubed great Planes conditions in rolling low hills, Com with thistle, white sage - our grasses. bry little morning a prosible to the up Caphalella 1 jus surpt. Phoetalista sur juns. un tall juns. Mel fermen- ruhmm 17 Falen. Hyporhlora alla in white sage only Consuph 14 all taken accountless 19 " Cent. 9 + 85 = 94. Uther in 1+23 = 24 1956.7 7 mo. S. of Mound City, Comptell Co.,

Jo hlahota 1111 2. 1956. (R) Elev (m Grant Mains) 1900 pt. (Immust a rain of Great Mains strate consolition all ince with to testweed intrusions of alfalfa. And my mumerous a mode action. Chorthe pour a minute, appar more himted to the tall pass. Months fall pass.

2956.7 (Cout) Unhelimm of 14 all notreed Consuphalus sultaus? Both reper a juis. a much Consuple fasc. detto Munobius / jud. Oceanthur fiv. swept. Ost. 72+ 94 = 166. Uther we 1+ 24 = 20, 1956 8 2 mo. 88 g Kull, Emmons Co, no. hlakota- VIII. 2, 1956. (R) Elw. (m Jankton trus 2100ft. That fraso Planes condition in quitty rolling surface with patches of taller growth, the latter chiefly sunflown. bry little white ruge. All spices recognized une Amcast a threatening, momentary apria numerous, in Monter pass. Fur prins. Acropadelles 14 hopt. Urphulella not num. 12 Take Phintalistes Juns. my. Hypochlora buy few in white type. 17 14 tale. Med. danson Hummer, punel. All ads. Consuphalus faltours Ahmdant Almost all ads. fund.

Other wis. 2 + 25 = 27. 1906 9 4 ms NA hinton, Emmons Co., A. hlabota VIII. 2, 1906 (R.) Elw. Im Great Plain herbogs no rolling hills, but with more words - till grass Than usual. a little white uge. Cerrything recogn Fahen. open my fair, I - & Taken. Mel. femmer rubum 10 taken " p. Jus. of Aw? puis Tolsess. Phortalistes lad, . 3 juns then Aypochlora alba. A rumber in white sope Emouph. fix. 18 hom. saltano ? ado, jus. ather we. 17 + 27 = 44.

Occanthus a few must

Certh. 59 + 166 = 225.

1956 10 25 mo W. J. Mandan, Moston Co. Na hlahota VIII. 3. 1956. [R.) Elw (an ex Bromarch Chul 1700ft In Missouri - Went Runs Withoutand. Kradsisle grass with alfulfu Frifto. Charterpus my fow sun, 2 Then. Mel. f. r. - miss. mumerous, large no. of Mel. danson 19 Fahrer, all notwed. aythin pseudomitana I taling all run. Matelistes juno my, fur. Conveyth. fasc. 1 tales sattans? a rumber, many jus ! Muchins fase. Type I taken. anh. 29 + 254 = 283 When ins 1 + 44 = 45 1956. 11 2 ms. MV. A Sweethrear, Morton Co., No. Whatter VIII. 3. 1956. (R.). Celw. (an.) 2075ft. quat Plains cound. with nation ugstation, rolling shalls. unopedothers 19 hopt, all um. Mel. all langely juno. adulto taken of from - when the trumal parkardi.

Heartylotum one considerable whomy as burn sporto, with sparen com, adulto e juss in East stage. I hotalites jus only. Hypochlora serval Fatur, no other sem. ageniotettix a much, in tom com, appm.mp. Conveyshaling taltam ! Mostly jus. a small hues of adults taken. lench. 47 + 286 = 333. ather ins. 1 + 45 = 46. 1956.12 9.5 ms. W. of Hew Jalum, Monton Co., No. hlahotte. VIII. 3. 1906. (R.). alw. (an.) 2200 ft. Rolling huface with Great Plains - other plants - granns. And done also in madride drain with tallfrens " und ; Chorthyppus my in drain. Merminia macul. Snight of in taller changes of plains right. all him.

Cepina for in dense tration, and - jons. Photostatistes june. mlg. In tellu pur.

1956.12 (cont.1. Milanoplus dansoni hiral, fin no taken, in love com. Mel. hirittation 14 in Fall change. " f. - z. gund. is bo June. Consuph force a few. " taltans man mum. level. 47 + 333 = 380. ather in. 1+46=47 1956.13 6ms. W. of Glen Willin, Morton Co., no. hlahota. VIII. 3. 1956. [R.]. Elw. (au) 2200g trady area in trad flat betime low rolling wills. Com largely a spartine- like frace, time sunform - many other undo. all yours very. Taken exc. I herosothing carolina. arphuletta mm. - my dach in color. lepera a few. Mul. padrachi a few adulto, ness Fly Fundal. Mul. more. a few. " f. s. monnes Phoetalistes a few adults of with sixes a Consupt orthing Um.

Ust. 44 + 380 = 424.

1956.14 1m. N. J. South Heart, Stark Co, No. Wahrta. VIII. 3. 1956. [R.] Elw. 2500 fut. frat Planis com ou rolling surface. Inne white Age, mostly pass, a few funflower. anything mignized take in 1 Met. hattalies which escaped. apria num, thifly jims. alestophers 10 mapt. Mel. hittalin 18 tolen. " f. z. apor. " danomi I pain token. lapport lan 1 jin. megt - Allen. Unit 23 + 424 = 447. Utter sie. 0 + 48- 48.

Co, No. Dahota. VIII 3. 1906. [R.].
Eelw. (an) 247 of fest.
In "Ind lands" canyon. Phont pass,
little white Engr. etc. Lettle O.

Opin, a few.
Oighin phendomi True 1 Take, all see.

Ont. 6 + 447 = 453.

Other is. 0 + 44 = 44

1908.16 5 mo SW. J. Glandin, Danson Co., Montana. VIII. 4. 1956. (R.) Elw. (an.) 2125 fut. Great Planis grass condition with talk Igras and huds in my thallow hundride drain, just up out of the yellowstone flore plane, but not one top of the bondering hinch. arthophia my ahundent. Melangelus J. 2. and agenitathin braming. und taken. Mirminia treal in small muches in taller frans + undo. Cepina fin adulto i pino. amphitomus a few in me yet - tros tahen. Theitestima breally muncions. autocara not common, in Monte press. Bropudne trattend, in talle grass - und. Males my action , famale much prome jumper. agnicolities abundant ofminit; arghia poundomitana sv. run, 1 Fahr Europtolophus 1 talen, all sem. rachyrhachis I taken, all own. Mitten treal, a much som, then Fahren Hyppisano a fur, 3 4 traham, always vingly. Hyprobless my lord. Phortalistio ud. - juns. a number.

Mil. atten mus. Engulue and excusing Mel. parhandi - fordus rum. in the teller fromth. mel. Then sp. a few only. Consuph a my few. Certh. 118+453= 571. Cetter in. 0 + 48 = 48. 1918.17 3.5 mo. NE. of Fallow. Prairie Co., Montana. VIII. 4, 1956. (R.) Celw. (an.) 2275ft. Clayery stopes and Phollen at a low foundations buttern the housh back from The Gillowotone Kim. Com Thin frass, my dry. levet fin. Ennything ruge. Film exc. I ayohan poundonistans. Philipshum I Tahun. apria my for, 2 Takes. Complitation 1 Taken Culorana 1 Fahm. Hippisons 1 & Fahre, all som. pharagum collare I Fatur, altrem. I much home tother, all icen

1906.17 (cont.) Hespertettix midis sw. sun, Itahun. Martylotum 1 then in found, all see. - Mel. packardi a few, Ho, tetur. " fum - ruh. sex them. " Commens ? I taken. Ust. 18 + 171 = 588. Uther un. 0 + 46 = 46. 1958. 18 2 ms. E. A Miles Cily Custon Co., Montana. VIII. 4, 1956. (R.) alw. (an.) 2260 fut. gellons Tome Rim lattorn lands. When ditch with sufferes and truthe wied and adjacent trattered sage. bry dry. Photolistes 1 pm. Take apring I ad. I just them. Mel. f. r. a few, 1 Tahn. Cesanthus our hater from sage. Certh. 7 + 588 = 595. Cestre vis. 1+48= 49.

1956.19 10 ms. Mr. of Miles City, Custer Co, Montana. VIII. 4. 1956. (R.) Elw. (an.) 2620 futs lop of truck d. of Gellonohne Tim. tenttered toge, present, prickly pear and a few yours. almost not. Exc. Mil. J. z., Vyprehlua in fall apparently true rage. Je. Certh. 14 + 590 = 609. letter in 0 + 49 = 49. 1956.20 3 ms. N. J Vananda, Rosebud Co., Montana. VIII. J. 1958. (R.) Celw. (an.) 2640 ft. Bush range undition. Wearthy mangraged dry und dry heitet with tell but my day of care agree their my few. apria litto - ar almost hus framed. herstromm in intrally have tooked Mel. form unh. in ditch grant. Consephalus della Cent. 9 +609 = 618. letter in. 0 + 49 = 49

1956.21. 4ms. SE. of Ingoman, Rosebud Co. Montana. VIII. v. 1953. [R.). Elev. (m.) 2900 ft. almost no a. quat Planis huch condition. Spaces guess, Ens rage, a few putiles of tall press and und in time day ditch. Agenestettise. Mel. J. n. a surthetpiea. With 4 + 618 = 622. 1956. 22 /m. W. J. Sumatra, Resolut G., Montana. 1111. 5. 4956. (R.) Elw. (an.) 3 130 ft. High open brush with loss rage and sun - and that grass - my day. Compthing runginged bry lette O. Misons there carolina. Med. max. 17 taken. " parkarde / & Then. Consuph. I taken. Class. 8 + 622 = 62. artin sins, 0 +49 = 49 1906.23 2 m. NE. of Musselshell, Musselthell Co, montana. 1111.5, 1956. (R.) - ahr (an.) 3025-fut. Un sim of brush along M. side of Museelel Rim Valley, Scattered pine with some Emything runginged taken.

Cordillación a rigle ind taten, all run. apien my few, 1 Falun. amphitomus two. Fahre, all seen Underwar not mum., 3 Falum, trattende agunstilling relatively common. Phlitistrum ahundant, rather france! Trachyrhachis in true poto, a runder, metator a few, 3 Fatim in reparate Spharagum arguel. a single & taken, all Med. purhandi or fridas - a few. 4 m. puns, a fur. and 60+ 625 = 685. Otto wo 0 + 49 = 49. 1956.24

1916.24 6 ms. N. of Roundup.
Musselvhell Co., Montana. VIII. V; 1916 (R.)
Eliv. (an.) 3640 feet.
On bruch M. of Musulthell Rim.
Many expressed ledges of yellowist limestry
with fort, stand of price. Com grass.
mich - accounted organized taken except
D. canolinia.

1956-24 (cont.) Uf Constitling saw and heard about six, but most landed high up ne strep att wall of cut. Limet im en land thoulder and undually one of these was taken. Elgometettix a few, I Fahm. Giphia psendonistana I are found. blerotruma haydem Fairly rumerous, usually on town found. Trimerotrogni menticola type, 17,14, all run. Hispurtelling a few, 17, 4 Tahu. Mulanyshus parhardi he talle undo, 3 aut. 18+ 680 = 703. ather ins. 0 + 49 = 49. 1956. 25 11 nes. SSE. A. Grasskange, Fergus Co., Montana. VIII. V. 1956. (R.) Celes. (an.) 4360 feet. Hyth your short grass plan with reasional Funtle-week, Then wied and tall frame roadside. anything ranginged Felen. agencotittes a number, but not abundant. airopedelles a trigle of taken. Platy withour brunner a to mall womber, not mun. 5 Fahre.

Cammula a fair no. small trues Tahen. Metata a few, T-& Them. Cintornia mod. numerum. 5 Film. I rumerstropies monticola type. not munner. 3 Film. Mel. brittates exceedingly abundant, purtis in roads i de Faller unds marked diff. in high of 44. Many deal up at the top of tall undo (Junger ?) Mil. parhardi type. Mrd. mun. " hu. quie (infantilis) a few. " danson Comme and punch, times Taken. " mex. 17 Them. Cleanther a few supt. lender, 640 + 703 = 767. atten no. 0 + 49 = 49. 1956. 26 8ms. WSW. of Lewistown, Fugus Co., Montana. VIII. 6, 1956. [R. ] -Elw. upprox. 4000 ft.

Tall wheat grass in unem overed variable buttering sefulfa and wheat fields.

All sps. of O. recognized use taken. Prudopmala, the 2 Fahren all sum, in tall pass, Chothippus ahundant.

1956.26 (cont.). Cammula Itahun, all rungunged. Montalistes a few, two adult taken. - Mel. f. z. bry ahmdant. " hnittatus horally ahundant, chieffy as " danson ruminous. S. tahen. In tall pass. Conough. fasc. I unpt. juss. Relatively formal. Certhe in 21 + 767 = 838 195527 1.5 ms. E. A Straw, Fingus Co., Montana. VIII. 6. 1956. (R.) Elw. (an.) 4460 fut. Roadside tall grass, along side of alfalfa Cernything magnized Falen. Chloraltio Jesus - tahun, an passensar dead wind stulle about 20 mm, in diameter - ingraiting? He the work news Chosthyppus num. ads. - pins. Lamunda a small minder. Mel, hittatu a ford. fair ma.

Consupt. bruy fow. lent 19 +838=857. action in. 2 + 51 = 53. 1926, 28 North ride Hope of Judith Gap (1.5 ms. N & Form of American), Regues Co., Montana. VIII. 6.1956. (R.) Elw. (am.) 4940 fut. Roadside (adjac. to hay fields), with tall unds - grass, home sage, some yellow-flowered comprisition, a few Buth fails but species limited. 1 thoperotelles (lost). auspedelles 10 myst. all sem. Metaton my few, I Fahen. Mel. brittates Commen. " parkardi " famuris mex. almed. " dunsom Hot num. 2 Febru " rinfantihe a for. Consuph. a number. Unit. 23 +857 = 880.

atte in. 2 +03 = 000

Mil. J. r. Fresunt in nos.

1956.29 4 ms. N. of Harbowton, Wheatland Co, Montana. VIII. 6 1956. [R.] Elw. (an.) 4700 ft. Undestructed range unditions. Tall grass and expressed patition of proud in Enrything ruguest taken. Chothippus appar tram - 1 talu. amphitomus - a few, 2 Fahen. anjohia poundometama a muncher but timply, 4 totam, all fum. apenestettis a few my. Mitalin I Tolem. Hadrolitting The only me seen, Trim. mentriska 2 Frahm, all morgen. " Citrina type 1 Falen, all rungen. Trachyrhachige a few, 4 Tahur. Mel fermen mer. maning. ads, - juin. parhardi ahudant. 11 infantihi Munerous. " Conserve type? / then. Phothelistes Juns. my.

auchel. gladiete 14, all resque Consuppl. taltin ! Unmerous! lett. 49 + 880 = 929. Certa ins. 0 + 50 = 50. 1956 30 16 mo J. A. Harboroton Smet grass Co, Montana VIII.6, 1906, (R.) Celw. Jan. 5300 ft. High plains with Mont fress, nather well grand, prov. by there. Platy bothers by the thous sunds . all aduly anyshitemen man. Than I have em resalled seeing it. all adult. Phlitoohoma mm. some juso. agentotter Common. autorara a fris no. Metaln I talen. Trachyshashys 1 Fahren . Cichwerse types but no tres pattern for it! Trimerotropis latif. type 1 Fahren Desputeller a mill us - no promping. Med. parkardi type ahmed. " dans mi Comme.

1956 30 / cont. Mel. austher puis. le few. Conouphalus a might une them. Crusburo I lone y sun - tahun. No midme of any other, horal aiguny mid it une not formal, but that an area from fow miles array usually had them. Out. 126 - 929 = 1055 0 + 45 = 15. 1956.31 9 no. N. of Big Timber, Sunt grass Co., Montana. VIII. 6. 1956 (R.) Elw. (an.) Tall pass readrich with adjainet and of Minter pass and some laver patities. amything rungen. Taken esc. I augher pour donne tama Chorthippus sust commen. Jours as well as adto. agenesteller a few. autorana Pseudopomala 18 tahun. Ho more could to Corated. In tallest frees. Cammula ahundant. mitaton non nous. Than I had un um it hopen. I taken. It whitest the ability to-Tick my quickly and apparently, if missed, it humand them among sures voto.

Emoptilophus numerous. Adults - juns. not losaliged. Heaperstellix a few. Mel. brittalier common. " pruhardi nummer. " femme ruhum Conneph. fasc. thhem. " talture munion. accounting a few super. Cento 67 + 1000 = 1122 Utter in. 0 + 10 = 55, 1956 32 11 ms. St. of Big Timber, Sweet grass Co., Montana. VIII. 7. 1956. [R.) Elw (an.) 4180 fut. Roads ide - Frankle word (in part dead) low yellow. flowered compraites, etc. int ban sports. Wind very high. agundittix a few. herstonema hayd. a few on being from montreola type 1 taken. " latifusc. Type I " me lan Mapriotettice 1 toline. Mel. hiritlatur a for, when " parchaeli"

1956.32 (cont) Uther in 5+ 17= 60. 4 Gellowstone Rion, Park Co., Montana VIII. 7. 1956. (R.) Celes. (an) 4500 fut. Tall runch words in dry ditch, Indury auso cultivated fields. hittle O! - all species tun Charthyppus, a my few, 4 ads. " i jiw. talen. Cummela - a few 2 tatem. agementation 1 taken. Conneph. fasce 1 maps. Units. 9 + 1136 = 1145 letter ins. 1 + 60 = 61 1956. 34 2 ms. N. J. Wilsall, Park Co., Montana. VIII. 7, 1913. (R.) Elw. (and 5100 feet.

1956. 34 2 ms. N. of Wilsall, Pack Co., Montana.

VIII. 7, 1956. (R.) Cales. (and 5100 feet.

Composition, people flowered thistle, etc.

Mo D. noticed a cept Mel. britt. . M. Jewer
Cloth. 2 + 1145 = 1147.

When ins. 0 + 61 = 61

1956.35 East side of pass (find name) om Big Bult Mountains (about 1 m. E. J. hyprot print), 9 ms. Mr. Calkins, Meagher Co, Montana. I che m hittle Belt chart for VIII. 7. 1956. The chul (R.) ales. (alt. restling 5300 ft, but prob. Fr Kondorde Frangles of Fall words a granus to strinder except in Mullow draws in the E. side of the range. The rondride Conditions were served than on The range surface. Cerch France. all species recognized acropedelles rance, all sun then, Camunda a few, our taken. Mel. brittetus a munden, 3 taken. what brunn kype. 17. down a few. infantilis? a few adult - jum. and 21 + 1147 = 1168. Center ins. 13 + 61 = 94.

1956.36 West side of pass on Big Belt nets (sur 1956.35) 20 ms. 6. of Townsund, Broadwater Co, Montana. VIII. 7. 1908. (R.) alw. (alt.) 5/50 ft. Relatively dry mountain meadons with tall rank fromth, along stream, Indeed by open but which frust of fine and again. all spines of a. recognized untilun exc. I clatterer, who could not he secured. Chorthippur a runder, both was collected. Chrysochram ald. a suple of all sum . Fahren. Whilifut much added no more. Particles altertion was paid to areas of dead limbs. hlvisrotinia cardina 1 se. 8 m road matricel, also I jow. Iw. other um. Carminla harming in plans. Mul. trinttatus munchen, but 3 Falu. dansoni not common, both unes taken. brunin 17 Fahre. Out. 26 + 1168 = 1194. action is. 1+74=75. 1916.37 West side of tame pass as 1956.36 but lower down, 17 6. of Tommend, Broadwater Co., Montana. VIII. 7. 1956. (R.) alex. approx. 4800 ft. Munitaria mendono but more open and more grassy than at 1956.36, with mullin

and yellow-flowned compraites. Chrysochrann adadom. 18, all which could be breated, not man word. Chorthippus numerous. Camula abundant. mil. brittatus a fur. " femme : 10. " dunsmi my common. and. 41+ 1194 = 1235, Cetter ins. 1+75 = 76. 1956 38 along Ten Mile Cruck, 4 ms. WSW. of Helena, Lewis and Clark Co., Montana. VIII. P. 1956. (R.) Elw. (abs. / 4 100 fut. Unuon rindride in narrow gulch. Sage, trouble und, till pass, the. hitthe in. J. O. all opinies runger. taling. Chothyppus - a few. agence tetting - 1 Inhon Nispervetting - 1 livitatus a for. 15 + 1235 = 1250 letter un. 0+76 = 76

1956 39 East dide of Continuital Winde ( name of range ? not on typographico) 12 ms. W. of Helma, Lewis a Clark Co., Mentaua. VIII. 8. 1956 [R.) Eles (alt.) 3700 fect he heavy fir frust with rather heavy low hufare com, vac small glade-like unlight tota. all puns of a. sein tahun, must in the much trumy sports, much dead word but no Chays orderon sem. Am male of Mel. altitudinium type truming him self in a rock in the sunlight. Then adult. Mil. alktendimmer relatively few, Surface of cut bridging mad ne carth and 25 + 1200 = 1275 lether isis. 1+76=77 1956. 40 Mc Wounded Paso, Continental Welina, W. of Welena, Lines - Clark - Powell Ces., Montana. VIII. 8. 19 12. (R.) Celw. (t.m.) 6325-ff. apen they type of Hudronian medono. from med the mand hilliant

Hudsomian wild flowns, with truspace with scuttered builders, time of large all O. penier runginized une Fahren except to trefferens, if which a way for Chothippus - in fair us. Cammula - a fuv: mel. so - a few. " brunin fur, 7: 4 talur. Cerch. 17 + 1275= 1292. Other wis. 2 + 77 = 79. 1956.41 2 ms. E. of garrison, Powell Co., Mentana. VIII, 8, 1956. (R.) alw. (alt.) 4600 fut. Roadside-narrow strip of grass and tall words in dital and unface of an adjoining ruch cut. all 6. spenie rurge. um Fahren. acropedelles 1 groupt. amplitones i in ditals, all sun. Alissostuia car. a fus, I Fahen, undordo Trim defenses on cut rufuse. Girot valula a few me cut weef. Itahu. Mil hiritation in ditab -1 tohun. Out. 6 + 1292 = 1298. Other in. 0 + 79 = 79.

1956-42 Along Clark Fork [of Columbia Rim), 5 mo. WNW of garrison, Pourll Co, Montana. VIII. F. 1908. (R.). Celes (chart - alt.) 4300 fut. In Ad field with many dead mullen Halles and heavy trugled com y minument Spuis of words. Chorthippus admid als piv. Mel hvillatus a fuo, 1 tatum. femme - rubium 17 14 taken with black bridered ald apex - we make . two fundes Fatien. Out. 19 + 1296 = 1317. Outer us. 0 479 = 79. 1906.43 Bearmonth, granite Co., Montage VIII. 8. 1912. (R.) Ell. (alt.) 3900ft. Un flat Moulden - bride mad - on north bank of Clark Inh opproite Brann with KR. Station In our of natural till pass, mullions - The wieds, with certain patition relatively Cill spenies runginged were Fahren. Amphitorums in fan 2000. 6 Fahren. Arphia poundonie tama Ocean. 2 ads. - 1 jun Tales.

Camula a single & Fiture. herseticia car a munda - 1 Fahren. Trachychochis appar. few - 2 taken. Phutalistis I just. Fatien, all resign. Mel. bistatua in much. " purhardi Mumums. " femme rubum Trequest. With 24+ 1317 = 1341, ather us 0 + 79 = 79, 1906 44 Almy Clark Ink, 3 ms. M. A. Clinton, Missoula Co., Montana. VIII. 8, 1906. (K.) Celw. (alt.) 3600 ft. In Ad field heavily from up, and shandowd wand truface. all yes. of a. to recognized taken. Arphia pseudometana a few, 1 Fahre. Cammula 1 Fatien, all riorgn hlissostura carolina mum. on abandoned mad hufare, 2 Falue. Trimunistropies cauntuper & Felin, a few Mel. danomi I Fahr, all maga. " mer type a few two. Fahren flavidus type ? (& Fahm. Quanthus - 1 Ampt. Cent. 13 + 1341 = 1854. Cotte ins. 1+79=80.

1956.45 2mo. 8 E. 1 Florence, Ravalli Co., Montana. VIII. 9, 1906. [R.) Elw. (alt.) 3200 fut. Edge of opin pine word and fill of out grass and mullin. almost no O. except M. mes. agent. I Fahm, all nothing, in out fram. art. 5 + 1354 = 1359. ather in. 0 + 80 = 80 1906.46 Lost Trail Pass, Bitterroot Mets, Ravalli G., Almtana - Lembi Co., Idaho. VIII.9.1956. Celes. (t.m.) 695 feet. trx-tailed pine and fri freet - definitely Undsonian. Ho open meadowy areas. fromd truface Chiefly rock fragments. No Q. at all after considerable effort. Bunkle bus abundant. Certh. 0 + 1359 = 1359. Ottom in. 3 + 80 = 83.

1956.47 So. tide A Lost Trail Pass, Bittinost Mto., Kembi Co., Habs. VIII.9. 1956. (R.) Eles (ann.) 5400 feet. In fir frust and little opinings in some. Westh. my scarce.

Gammala. The only O. at all wident, general, take I jiw. taken. Trim sufferes - I taken on stony road hufan, all sun. Mel. 40. (Mont minged) 2 males taken Herryo # 1 tahun man wild strawbenic. ant. 10 + 1359 = 1369. letter us. 6 + 83 = 89. 1956. 48 along Mith only the Salmen Rim, 2 mo. J. A. Gibbonsville, Lembi Co., Idaho. VIII. d. 1956. (R.) Elev. (alt.) c. 500 oft. Consast. he low cover, often heavily rangled. maning former and pine frust. Chathippuro 1 jus. tahen. all um. Caronesta ahundant. It Platybothness sp. 19 tahm, all hum, in Fangled come a uniful march netted no more Wel tothe birtheter Hot commen, I Taken.

Charthippus - 1 taken, all sun.

1906.48 (cont.) Mil. from when 1 & def. taken. " mex . Lype. Mumerous black- Induced ruly. pl. 17 taken. Ho more Hurarys 5 tum, 2 Fahren. Cexpert lutters in the trupled low come, time of which was wild March 132+ 1369 - 1391, With wis. 6 + 89 = 95 1956.49 along Salmon Rim at mouth of Bring Cich, 16.5 ms. S. of Salmon, Kembi Co., Mahs. VIII. 10, 1906. [R.] Celw. (alt.) 4200 ft. Hunoro buch with a little read material, elambur inge, grayin?, rabbit - und and tun-cured out priss. all Q. migniged taking Q. ust universus - my Eval. poundonistra amphitones The me taken all seen, Consora appar, in colonies on the lane forts. Mil. mex, type in mex, wo. " sp.? 14. Histrict, brund legs. Eccanthus supt from ruthit und. Cent. 15 + 1391 = 1406. Ottamis - 0+95 = 95

1956, 50 along Salmon Rim was mouth Jalliam Cruck, Lundi G. Harlo. VIII. 10. 1956. [R.] Elis. (alt.) 4700 ft. tilt, and small brilders and many hwall stones, with tage and rathet und, all opines of a recognized une taken. Trin, to letteta locally numerous, but my artin. Ucc. flies into orge. Mil. op. ? 18 Fahre! Cent. 12 + 1406 = 1418. Cechin ins . 0 + 95 = 90. 1956.51 along Jahmon Rim /rm. NE. A month of Morgan Crub. Custer Co, Heart Stake. VIII. 10, 01956. [R.] Elw. (alt.) 4900 ft. In sage, Sarcolatus, rathet and and all puis of O. ringen. Thad stale. une France . Trim, gracilis - the me trhum all sun. bilotata - humanous het my a Mel. parhardi type. Frank tahin all Coscanthue - hupo. With 9 + 1418 = 1427.

Che gravelly and stony silt with tage, rathet way grayin ? [ pring ) etc!, but my lettle praces. all yours of O. magnized and taken. Derotinima not rumerous, local, # Trim. pallidiz. a number sen, chiefly roadside, 1. granitio - 1 trhum, all sun. anochorentes - 2 sem, 1 talen. auch. 6 + 1427 = 1433, ather ins. 0 + 95 = 95. 1956. 53 11 ms. 88. of Chilly, Custer Co. Islaho. VIII. 10. 1913. [12.] Celev. (alt.) 6550 feet. born sage and low shad trale, with areas of born to tome. Oll puris of the Falue recogn. um Fahren. Derotuma moderately munerous, but almost no franches seem. bruy clusion - hand to see. 1 run pravilis. Lew - 2 talun. Curochorentes but I seem, and taken, on broken fray the stone it with the same color as the insut. level. 7 + 1433 = 1440. Cether ins. 0 + 9 = 90.

1956.52 15 ms. S. S. &. Challis, Custer Co., Italio, Vistor Co., State (R.) Eles. (alt.) 5950 ft.

1956. 54 8.5 ms. M. of ans, Butte B. Idaho. VIII. 11, 1906. (R.) Elw. (alt.) 0700 ft. Rathit and with my little tage, much low brush pass on story one! No O. taken. Blister hether all in rathet und. Clost. 0 + 1440 = 1440. attur is. 6 + 95 = 4. 1956.00 7 ms. AN. A. Carey (1m. NS. A. Tikum), Blaine Co., Idaho. VIII. 11, 1906. (R.) Elw. (alt.) 4920 fut. In trye and rathet med. no. and. Cest. 0+1440=1440. Other 100 . 6 +101 = 107, 2 ms. SW. of Rudfield, hincoln Co, Maho. VIII. 11. 1918 (R.) Elev (alt.) 4560 ft. from-corredont grass - few rathit-Congon few.

Anothing. Me. mey. Type

Close 4 1 4 144 Utter mis. 0 +107=107.

1956.57 2 ms. S. J. Shoshone, Lincoln Co., Maho. VIII. 11, 1916. [R.) Elw. (alt.) 4400 ft. Rather tall sun-cured varpass with love tpoli f vilt a lan fragment. all W. Tingrujed in taken. Cicelocara not munerous, reattered, 4 taken. Tra chyrtantis 1 Fatur, all our. Consign almostant and excushingly action. Mel. mex. Lype, ahundant - fru flying. action for a non-flying spines. Inch. Stringing op. & trupt. He then sun. ather is. 0 + 107 = 107. 1956 58 2 ms. M. of Shochone Falls, Jerome Co., Idaho. VIII, 11, 1906. (12.) ( Celw. (alt.) 4100 fut. ald field of men-cured tall out pres, him the wind or other winds. all O. rurgu. Fran. Chulocara I Fahm, all seen. Medale motors origina. Few, 17 when. Mol mux - type common. West. 4 + 1477 = 1481. Withen wis. 0 + 107 = 107.

Flaho. VIII. 12. 1906. (R.) alw. ? Lage and sun- and out pass, with some Fromthe- word (largely dead) on this oris bry little Q. Courson waderds, 1 thm. agenest. - Trim geneilis som het bot. Och 1 + 1481 = 1482. Och iis. 0+107 = 107. 1956. 60 3.5 ms. SW of Rogerson, Twin Falls Co., Idaho. VIII.12. 1956. (R.) Elw. (alt.) 4700 ft. Ings country. almost note. Mil. mex. type - tro.m., 1 taken. and. 1 + 1482 = 1483. Clean us. 0 + 107 = 107. 1956.61 15 ms. fr A. Rogerson, Timin Full Co., Idaho. VIII, 12. 1956. (R.). Elev. (als.) 5200 ft. In sage and sun-cured grass with your arms between these often paired with bohim Home and public. Trin. gracitis som + lost.

1906. 59 4 ms. S.J. Bugu, Tum Falls 6.

1958.61 (cont.) The single accordionentes taken mos all sum. How on the thingle and matched rock fragments exactly in colm. Cloth. 1 + 1483 = 1484. Cother vio. 0 + 107 = 107 1916.62 4 ms. due N. A. San Jacinto, Ello Co., Minda. VIII, 12.1986. [Ref Elev. (alt.) 4800/4 apparently fraying? ( fing) and rathet und on tilt with more areas alkali incurated. hadriduale une my few. Cammula The me Fahen was all seen. Trim. pullidip. a few, Circot undulatus the trea a Traban. Och 5 + 1484 = 1489. 1956.63 Hear Falurer Falls Crub, 1.5 ms. S. of Contact, Elho Co., Nevada. VIII. 12, 1956. (R.) alw. (alt.) 1000 ft. I tilly divide of mathered granite brillers, the fine pand from the decomposition of which carro The surface, bare in lange areas, with sage and rathet und in others. all yours of O. mognigue une taken. Cosdiffacris a single sprimen taken an grant.

Trim. pallidip. a fow - 2 km. " totolata I Fahren, all renger " contrastringly colored - almost always in the gravite gravel. Hot exceptionally action. Mel. rap p. a few - 2 taken. Clist. 11 + 1489 = 1000 Other ins. 0 + 107 = 107. 1956.64 16 ms. S. of Contact, Elko Co., Hernda. VIII. 12.1950. (R.) Elw. (alt.) 3320 ft. Centruly tage on quatty rolling Hopes with running gravelly or thingly bere all spices O. ruogn. Fahre. Alexanium local not numerous. trom. totAnta rease. " then p. I taken, all sum. and. 8 + 1000 = 1008. Wither in . 0 + 107 = 107 1956.65 Summit of divide 6 ms. S.J.

1956.65 Summit of divide 6 ms. S. J. US. 93 Crossing of Thomsand foring Creek, Elko Co, Nev. VIII. 12. 1906. [R.) & Eller (b.m.) 6250 ft. Tell-low trye, much dead und, rathet und . tree run und grave. Almost no O. Trim fraile talen (lett. 1 + 1107 = 1509.

1958.66 4.2 ms. S. of Wills, alko Co., Menda. VIII. 13. 1956! [R.) Eles (alt.) 5600 ft. Jage and rathit und m silt, latter in peater post with parment of small broken stones. all punis of O. runginged taken. I rim. grantis, as ironal, about rage. in its med time the stringle on which it arth. 4 + 1508 = 1512. 1956.67 Eastern brider of groberte May hahe, 3.5 ms. S. of junction of US. 93 - alter. U.S. 50, White Pine Co., Kunda. VIII. 13. 1956. (R.) Elw. / hot alt. + an.) 5700 fect. Un the dry adobe I Clerochorentes. Un strong bride I dittle - 1 Trim. vodde Z. all this W. Lun. lenth. 3+1512=1518. Coste mis. 0+107=107. 1956.68 10 ms. 88. of Churry Crub, Mute Pine Co., Munda. VIII. 13, 1956. (12.) Celw. (altin. ann.) 5825 feet. Com almost entirely how sage with bare areas between.

Inagle Trim. Fahre was The only orth! hum. level. 1+1515= 1516. Cetturino. 0+107= 107. 1956.69 7 ms. N. A Migill, White Pine Co., Munda. VIII, 13, 1906 (R.) Celes (mean of instruments) 6000 st. Com my low rage and ome rathet und en tilt with mash nibbons of grand. all spinis of O. runger, wire collected. acrochorentes the me Taken uno all run. Trim. publidig. hunal, me Fahren. " p. with primot-the Fitine. Um taken all tum. letth. 3 + 1516 = 1079. letter vis. 0 + 107 = 107. 1956.70 4.5 mo. SW. of Junction of US. 6 . How . 38 (in White Rim Valley ). Mute Pine Co., Nevada. VIII. 14. 1906. Celu. (alt.) 5850 ft. Shallow vally with come fragin ?, all springs of O. runginged une Fahm. Trim. biloteta a much dun, but all une Trim. traded with gramist thise. The two

1956.70 (cont.)

Fahre une all seen.

With. 3 + 1519 = 15-22.

Within in . 0 + 107 = 107

1916.71 Current Creek Jumment, Maye Co.,

Minda VIII. 14, 1953. (R.) Eles (1. m.) 8999 feet.

Slopes, under jumper and perion, of tilt with

many rock fragments and coarse grant,

capparently of laws and testimentary rester.

Condillanes my land on more tilly access

4 ceedingly astron, and few un invente.

Trim cyamps type Clustomy anso, in fair

munters and not my clusion

Unit. 8 + 1527=1530.

Utter vis 0 + 107=107

1956.72 Hot Creek Valley, man Rattle enake
1 Hydring Main tinance Fration, 17 ms. Ar. of
Black Rock Summit, Myc Co, Hevada.

VIII, 14, 1956. & Celev. (an.) 5600 feet.

Com low rage, shad reale and satisficable
und on self rufam.

Cell O. Leve 1 Trim. African taken

Clether in 1530 = 1531

Cetter in 0 + 107 = 107

1956.73 Ceast side of road crossing of 14st Circh Mountains, Mys Co., Merada. V 111. 14, 1956. [R.] Celw. (an.) 5675 ft. Com tage, that - trale and rathet week Only O. Lem was Trim. Strema, of which a small truis mo them. The tpener sometimes flies ento tow sage. It is not particularly elusion, nothing as much so as I. pallidipennis. Cent. 7 + 1531 = 1538. letter uno . 0 + 107 = 107. 1956.74 13.5 mo. W. of Couldale Junction, Esmeralda Co., Mesada. VIII. 15, 1956. (R.) Celes. (ann.) 5400 st. Com Mad-reale, tomopale a other plants and on struc and grand thingled silt in hond campon leading up motored to The little netterment of Baract. Cluby O. um Trep. - Trim. Workete. repidulus 2 tale, all un. I hillet lest but clearly identified. Cloth. 2 + 1538 = 1548

ather in. 0+107 = 107

1956.75 Montgomery Pass, Mineral Co., Munda. VIII, IV. 1953. (R.) Elev. (t.m.) 7166ft. Junique, pirion and some mountain madagazz on lava with age - rathet und. Melanoples Tohen. host a thu- miged Trimerstopis. and. 1 + 1040 = 1541. Other wis. 6 + 107 = 113. 1956.76 3.8 ms. M. of Benton (the From). Mono Co., California. VIII, 15, 1906. (R.). Celes. (an.) 6825 feet. Tall rathit and and some sage on silt and on stony hillside under bluffe of heavily wooded sedementing rock. all puis of to. seen blue. min. betoleta few m tilt, 1 Fahren. " the this. I take all sun, on rill. " streme two. tum, I taken, all on tell Mel. gives, treking refuge in rathet med when 2 taken. But few seem Certh. 6 + 1041 = 1047 Coste in. 0 + 113 = 113

1956.77 17ms. E. A Lewining, Mond Co., Cal. VIII. 15. 1906. (R.) Celes. (an.) 8500 fx. Upon high country with trish on some of The Morro crature to The moth no. mile. Fige and some rathet und on finely broken primine. Mind strong. all prices of O. seen in Fahren. The othe Wedaleonotics There was in rather med. Green-legged Trum. Het mummen on the purine surface. Condillaries 1 just. Tahun, 1 ad. list, Out. 5 + 1547 = 1552. atten in. 0 + 113 = 113.

1956. 78 2.5 mo SSE of Revening, Mono Co, Cal. VIII. 16 1956 (R.) Elw. (chart) 7000 feet Meadow at fort of Milliams Butto. Briggin sprto, with yellow composites tall grass. Lev jow. Milanopless all seen in meadow. I Congra windly Congra windly with meadow. 1906,78 (cont.) Unt. 25 + 1002 = 1577 Other in 3 + 113 = 116, 1906 79 So, end of Punice Valley, 7.5ms SS. of Lewinng, Mono Co., Cal VIII. 16. 1956 (R) Celw (ann - ch.) 7500 feet. finall flat unclosed by low hills (largely of lava), surface volcomit ash, com sage, rublit wind and mountain mahogany Commastarid Gratien form mountain mahoganyno more seem comfafter long trating and Trim inth blue lys rummerous in volcame Filt, but occ. flying into sternthry. Trim. fraisles des seen, 1 Fahren, on tilt. Mil. Ap. in Augu, my action, fow deem, Certh. 12 + 1577 = 1589. Other ino. 13 + 116 = 129. 1956.80 Near Deadman Summit (45. 395) 25 mo. S. A Lewining, Mono Co., Cal. VIII. 16 1956 (P.) Elw (Im.) & rooft. Iste O. seen Trien, apparently I gravilie, Tut lost 1 Outh. 0 + 15-19 = 15-89. Other ins. 7 + 129 = 136.

1956.81 2 mo S of hleadman fummet, Mono Co, Cal. VIII. 16. 1950 (R.) Color (ann.) 7900 fut. he open bull pine frust me volcamo telt, with ground com in places of deal pure medles and comes. tanth montains type who I seen. Ino pais, all notrus, une talen. Certh. 4 + 1589 = 1593. Other ins - 0 + 136 = 136. 1956 & 2 South side of Therwin Will, to N of Round Valley, Mono Co, Cal. VIII. 16, 1956 (R.) Elw. (6, m.) 6000 for Hope largely of stony slato, some of targe tige, and strong part Com suge, rathet med and mountain makogany. all spinis of a clearly recognized were Fahre and difficult and and difficult forting. Commastarial ringle for surpt from mountain makagany - all seen. Amphikormus her seen I taken Exceedings action, apparently suching thether in

1956.82 (cont) Trim. Hue ming. Sumal sum, I Tahun. bruy action, were apparently men the large risks. Liprus the rugle 1 Fahen was all sun. Un strong grant. Mil. p. appen in stage by action and most difficult to track down I Talum. Unit 5-+ 1598 = 1098. 1956.83 3ms. N of Laws, Impo Co., California. VIII. 17. 1956. [R.) Elw. (ch) 4150 ft Salt gress - branching type of + tall rathit. all spines of O morgaiged take Individual. very few. Mil dirastator - all seem une trhen, flying Dephullla a few seem - too tothen, flying. Unth 5+ 1598 = 1603 Other ins 0 + 138 = 138 1956 84 4.5 ms N. of Chalfant, Mono Co., California. VIII, 17.1902 (R) alw. (an.) 4700 ft. Alesent Shrutting of munerous species - a little tage, something woulding Kortachinia,

a little timble-wied (latter rondside). Mumerous Stones and Mallow was hes filled with story felt and gravel. all opinis of to regognized were then. Tahun. Trim. pullidage. a few, one taken. " fp. n pps.? If all one thing, note the enormous variation in time coloration, and if but me, cutainly immediate Eurisia. ment has had a play. The unshes at This place thrond much micetion in the time of the stormer thickly church our Them Spenis board in small groups, not particularly using, but The colorations are most protection, Outh 9 + 1603 = 1612. Other is. 0 + 138 = 138. 1956.85 6 ms N A Benton Station,

Mono Co., California (1/2 ms 5 A Nevada state line) VIII. 17, 1956 (R.) Eles (5 m) 6000 ft.

Sage and Ephysia on long outwood Hopes from met Montgomeny in the Whote Met. (hugo chain) to the cost. Soif granf and tilt.

1956.85 (cont) J'But me spines of Q. Lun-Irom bitheta - The single one taken was The may me notreed Tum frem-Fibrae, Not numerous att. 5 + 1612 = 1617. athur in 0 + 138 = 138 1956 86. Worth side of Montgomery Pass, 1/2 m. from summit, Minual Co, Hunda VIII, 17, 1958. (R). Eles (ann - ch) 2100 ft Lava thum Hopes with open stands of junique and pinym. Low cover rage, Cephidra and ruthet und. Unly species of O. Lun was the threeunidjed Crisotettis, which was loval, but not numerous, preferably on the bare rough lava. Hand to secure as mind ins strong Through the purs. Unth. 3 + 1617 = 1620. letter ins. 1 + 13 F = 138 1956.87 6 ms & of Busalt Esmeralda Co Munda VIII.17. 1956. [R] Elw. (an.) 5175/x. Gentle Hopes of low from of tilt thickly comed with lava fragments in paint mix Thingle of same and the rocks. Mr. Wille immediately to the north.

Ite spices of a seen was the True. tatum' Two sun, me captured. atherine 0 + 189 = 189. 1956.88 Ramony Will, 13ms. S. of Tonopal, asmeralda Co., Menda. VIII. 18, 1906. (R.) Elw (ch) 4994 fut. Filt flat correct with pavement of small of Formes and gravel. Low that - reale and Jrayia? Two Liganotettix seen, 1 taken. One m ground, last in Grayia, the other one bratin from latter Out. 1 + 1621 = 1622. Cent. Cette ins 0 + 139 = 139 1956.89 3 ms NJ Goldfuld (at junction of alkale Springs sind), Exmendeda Co., Monda VIII. 18, 1956. Celes (ch) 5420fr On morare - like closely pland promunt of small stones on selt. Plant com open Thank of low Lage, graying and a my few Exhibition. [ Brist the yours har !] the O. seen, the moderfully protected Trum taken. Cenths. 1 + 1622=1623.
Wither ins. 0 + 139 = 139.

1956.90 3 mo. S. A. Grldfield, Erminalda Co., Hunda VIII. 18. 1956 (R) Elw (ch. c ann) 5/00 fut. Ist with heavy thingle but not grite moraic proper. - from that timbe, runnerous joshuas trees (extenfor number examined without results) Thin Huma, the two penus taken.
Thin Huma, bry fow nothered, 2 below " grun-thine. Um tahun, all seen Centr 3 + 1623 = 1626 Centre in 0 + 139 = 139 1956 91. Springdule Mye Co, Kunda VIII. 18, 1956. (R) Eld. (ch.) 3900ft. fult pass if and tall pass in meadows of saline encrusted fround. Paroponiala rumerono in grass, my action, usually taken tringly. Melanophers of 14 all seen, in grass. In melanaploid supt in fraso. Certh 15+ 1626 = 1641. Cether in 3 + 139 = 142. 1956.92 Death Valley totroren Hell gate fult Well, Inyo Co, California VIII 19.1907. (R) Edwartin (bm) 2000ft. Vally detrital slopes. Corillia,

Utriplex hymenelytra and some scattered cachi [chotta type]. Brotettex locally momerous in Covillea ads. - juns. ansoures 4 pm supt from Covilles. I higmotittis supt from Covilla, uns in but but bost! Cevit 21 + 1641 = 1662. Other ino. 1 1142 - 143. 1956, 93 Boundary Canyon, amangosa Runge, Engo Co., Cal [a that disture above Woh-in-the-Roch fpring ) VIII. 19, 1936. (R.) Celus (b. m.) 3000ft. Covillen, atriplex tymulytra + usually accor orgetation, dry and brittle, on story Auface of rough rumblying wash. Brotettis bruf in Covillia, ads. - jus. higunstitted I nort from Covillia. In moun covilliar 1 pm detto. Cert 9+1662=1671. Cether ino 5 + 143 = 148.

1956.94 Daylight Spring, amargran Range. Prayo Co, Cal VIII. 19, 1917 [R.]. Elw. (t.m.) In general Coviller area, but municipately at spring ours how trus and are aren of tall und and grasses about the truly runof Brotettix in Cmiller. Parabacillus hugt from tall unde mu Trum pullidip. om storny huface. Certh 6 + 1671 = 1677. Cettur in 3 +148 = 15%. 1956 95 Amargoan blesent 5 mo. WSW. of Beatty, Uye Co, Hwada VIII, 19, 1917. (R.) Elm. [ch ] 3200 fut Typical amargna conditions dominated by Everything taken troupt from Covillan nuface No Onth. puris last. Bootetters nummer, all Them adults higunstattice 2 Fahren, call seen. hirma civillace four adults them, none Int- note all 3 of me pune, the ringle of Close. 13 + 1677 = 1690. ather mo. 2+151=153.

nothing sum or Fahren except from Coville. Bootether brally numerous. I have covillose Takon bratin from Covilla. With 23 + 1690 = 17/3. 195697 5 ms. ESE, of Cathrop's Well, Amargraa hlesent, Hys Co, Kinnda VIII. 20, 1956. [R). Elw (ch. an.) 2875 fut. tolely Bootetter in Covillea. Mist of Cortillin strinted, dried up and brownish. Note amount of brown Fore in Bootetty. Centh 0 8 + 1713 = 1721. atherins 2. + 157 = 156. 1956.98 3 mo. 6 A Point of Rocks, Mys Co, Munda, VIII. 20. 1956. (R.) Celw. (an.) 3550 ft. Nothing except Bootettip in Covillea. Examined a humber of the yours conthout results. Und. 18 + 1721=1739. Other ins. 0 + 156 = 156.

1956.96 Im S. A Carrara, Myc Co., Munda. VIII 20, 1956. (R.). Elw. (ch. an.) 3000fr.

1956.99 11 mo SE. of Indian Springs, Clarke Co, Menda. VIII 20. 1956. (R.) Eles. (ann) Withing except Bortellex, and The Catter in Corollia. mind a strady gale, making it almost impossible to handle a net. Cerch. 3 + 1739=1742, atten ins. 0 + 10% = 156, of Kyle Campon and with Ud. 95, Clark Co, Hunde. VIII. 20, 1906 (R.) Elw. (an.) 2775 feet. nothing but I Brotettix in Covillea, nothing the on framed surface. Certh, 1 + 1742 = 1743. Cother in. 0 + 156 = 156. 1916. 101 Morgan Missall & A glundale, Clark Co, novada VIII 21, 1918 (R) Elw. (Mistrum) Loose telt an mesa with your stand of Coviller and a town leafless fray who hush Mothing but i Brotitlie mapt from Covillee Covillee Uther in. 0+ 106 = 156

1956,102 Pink Sundhillo, 25 mo SE of Met Carmel Junction, Kame Co., Utah. VIII. 22, 1957 (R.) Elis. (ann.) 6400ft. Juniper - prime with sagi on off deep princhick sand all O. sum the one specimen of Trimustropio formed, Taken on buredand. Outh 1+1744=1745, Other in 0 + 156 = 156. 1956.103 5.5 ms. Ed & Fredoria, Coconino Co., arizona. VIII. 22, 1906. (R) Elw. (an.) 5-175-4 Patches of tall brush gress, curly grass, Fundh Little O, all sem Falsen. Parabacilles supt from tall grass. Opin about the same come, and supt ageneotiether on bone for, one taken all levoh. 5 + 1745 = 1750. Clitur ins. 12 + 156 = 168.

1956. 104 No. Hope of Karbat Plateau, 17 ms. SE. A Fredomia, Cocomino Co, Angona VIII. 22, 1906 (R.) Elev (an) 6700 fut. brug short curly grass on storing Hope under open Atomed of phologon, pringen and mountain muchogaling. mall Cordillaries in The witersals between the clumps of that curly proces, no. last in addit to them Tolum Parabacillies mept. Jur. avridid all mupt. Clock. 5 + 1750 = 1755, ather in 0 + 168 = 168. 1956.105 12.5 ms & A Jacob Lake, Knitat Plateau, Coconino Co., aning. VIII. 23, 1956. (R.) Elw. (moh.am) 8475 fut. In small glade in fir and sopur frest, usually in troken stone, with taght low plant com No O. except. Circot coronino, which was in fair numbers, and not they for

> Cent. 6 + 1755=1761. Center viss. 1 + 168 = 169.

1956.106 So and of Pleasant Valley, Vantab Plateau, Cotonino Co., any MI. 23. 1906.

(R.) Elev. (am. ginotrum) 8300ft.

Mita. meadow of my that pear - low meadow orgetation, remarked by fin and aspen.

Only O. mo Trim. pictuisaina grays wally mine. in low when budl in meadow. But moderatity action.

Cloth. 10 + 1761 = 1771.

Other was. 0 + 169 = 169.

1906.107 V. T. Park, Kaibab Plateau,
28 ms. S. A Jacob Rahe, Coconino Co.,
And. VIII. 23,1950 (R) Elw. 8400 fr.
Broad gassy noton. meadows in
Hony sil. No. O. except 1 Cino.
coconino last //

Elst. 0 + 1771 = 1771.

Cethro ino. 2 + 169 = 171.

Hat. Puch, Cremino Co, airis. 111.23.1908. LK. Eles 8800 fut. I This is The grund and when I Took Bradyne in 1947, but none in widere their Trine. Les presions no. [1906 107] for unditains. no O. except I Mel. humen o jus. ordig skids. list. 4 - 1771 = 1775. Other in 7 + 171 = 178. 1956 109 Gest Excarpment of Kailab Platen 55 mo. 6 of Just Lake, Coronino Co., anis VIII. 24, 1956 (R) Elev (am. J nistrum ) 6300 fut. Man low idge of hall pine zome, kufan stony, town com chiffy oaks. tole O. une The opines taken. Irvin Une-unged, 3 sum, 2 talum. Me. brunen type. 2 tun, 1 taken pro ordipordido supt. lest 6 + 1775 = 1781 Uthu inc. 4 + 178 = 182.

1956.108 T. V Park, Karbat Plateau,

1906.110 Vicinity of Colden Range Stations 4.5 ms E. y Flagstaff, Coconimo Co., any (R.) VIII. 25, 1906 Elev (an. och.) 6900 fut. Tall grass, Finnolle word and Rudbickia (latter in for grantity in bloom), and areas of my thirt pass. all opins of O. rurguyed une Talu. amphitornus - agenestettis une partuulang in the thort pass. Many Milan . Jus about Mintacillus, a single me supt from frans. Condillars toal ont rum. by artine Completorines unmerous, as abore agmotettis hint men, as alon. the Chotroma local. Urphia poundometana hv. tun, I taken Melanophus 2 puns adult, with taken. Chramthus 1 smpt Out. 55 + 1781 = 1836 With mis. 8 + 182 = 190

Elden Mtn., 6 ms. NE & Flagstaff, Coconino Co., Augana VIII. 25-, 1906. (R.) Celes. (ch. - vistrums.) 6925 fut Tall grass, Rudbechia, rabbit used, etc, under open pine. Many areas of aughitomus not common un Table agencotellis to w. In fam nos. - my action, more auxini posendomictame 2 tem, both them. Wespiratelles p. & I supt. Mel. p. jour rum. To my small andres like. 18, 1 " p. medin, It taken " large 18 plin Quanthus - 1 trupt Mestobregmen platter type. Local a only levet. 28 + 1836 = 1864. atte is 0+190 = 190

1956.112 Fort Valley, JN. J San Francisco Peulo, Coconino Co., ang. VIII. 25, 1906. (R.) Elw. (an. ch.) 7400 fut. In Jun sports of pine frust (tall pine · another pures with blackish truk, more of lettery on from a littered with dead pine midles a comes, and with Tuflo of priso. all puris of a runger une taken. Mel. laye th. w spiries. 14 true - Falen. Campal transh failed to bring any more Mel. funn migrum and and trave almost all sem Fahren - 3 of week sex. mel mall species. le single male tale. Cent. 8 + 1864 = 1872. Other ins. 6 + 190 = 196 1956. 113 /2 m. S. & A Station 1906. 112 Elw. (t.m.) 7369 fut. VIII. 25. 1952 grass and much that fines m gravelly silt.

1956.113 (cont.) all opinio of le. runger une taken. Tall pass held little; most unything tahun und en Mont pass anas. amphitornus minuses. agencotitlix M.w. in the lan yesto. Ayohia poundomintann, a few sun, 2 Fahren missist. Carolina mun n to run, I taken, Mil long imiged 1 terms of them. " farmer- ingime a few sum, 3 taken " p.? (hw) 14 thm. Outh. 26 + 1864 = 1890. Other ins. 1 + 196 = 197. 1906.114 Grasshoppen Flat, Yumpai Co, (3 ms W) Sedona), Anjola VIII 26. 1956 (R) Eter (ch) 4400 feet Bure red silt and tall & truck for Well O recognized taken. Cordillaires, on tilt Conozon, on tilt. With. 4 + 1890 = 1894. ather ino. 3 + 197 = 200.

1956 115 Upper Gaager Campon below Mingus Mita Summent, Gavapai Co., arigma VIII. 26. 1956 (R.) Eles (ch.) 6450ft. narrow thelf in carryon - unh difficult. Under pine, pringen + rak. all spuces of to. recognized taken Agenestative in that com in broken Ames hlisansteina car. roadside 2 Fahim, 3 n 4 Thurs tun Trimerstropis thee-wing, a few on troken three area - 2 taken Mel long-uniqued 14 taken, all sun 10. The surprise. 14 all term 10 + 1894 = 1904. Cother ins. 7 + 200 = 207. 1956 116 Lonesome Valley, 10 ms. NE. Gaeger, Garapai Col, anigma VIN. 26. 1956. (R.). Elev (cl. 5 5300 fr. Open that pass rangem reddish wilt to Virtually ormun inth hoppus, the largh point immatine. Wind my high seriously hampund mile No far as ascertainable I runned all spines of a which were adult.

Bropedon in troums, Males more numerous than & p a my action. Note the relatively long unip of owne of the gg, which could fly for t Drepanoptime 17 Fahm, all morga in the morning of jino. Cupshia op. 1 jus. Fahen Truckycharkis not pritis. minuras, ? tahun. Ulu tilt. Truin melanophina Municomo a any artin. Un tilt Carried long distances by wind. Mel. Cahines Mr. adulto - mly adt Mel. 42 Brachystola a much, but all sun taken, If the low fround com. How Some delille trained principly matrity.

Other in 0 + 207 = 207

1956.117 /m. 8N p. Wilhoit, yangozi Co., Arigma. VIII. 26, 1906. (R.). Elw. wice 4000ft Wind excudingly all O. Charly runger. une taken. Work was all rondride. Conogra carinata a few, but not num. Trachyshachin a few, ttahen. At + 1955 = 1959. ather ins. 0 + 207 = 207, 195.118 3 ms S. of Conques Junction, Gampai Co., angrue. 8141 26. 1956. (R.) Elw. (d) 2825 fut. Rosdaide, tall press, & cathered acacia runginged who taken Many jus. pinnotropio pullid. I non - Fahren. Paroprinala 12 tration from trumppines. Med. lahimes 10,10 taken from transplace art. 8 + 1959 = 1967. Uther in . 4 + 207 = 211 ,

1956.119 1.5 ms. SE. J. Morriston, Maricopa Co., Cengma. VIII. 27, 1956. [12.]. Celes. (an.) 1800 fut. Thin that proson grand, with your Follow com of Carillia, & Cholla, palo unde, Kostu-Comia, the. 2000. except 1 Kehnita in from. Withing found in Carillea. levet. 1 + 1967 = 1968. Other in. 1 +20 211 = 212. 1956. 120 2 mo. St. of apache Sunction, Pinal Co., angona. VIII. 27, 1956. (R.) Elw. (an.) 1475 Just . Rothing in O. found except 1 Brotellip in Corilles. auth. 1 + 1968 - 1969. Cothur ins. 0 + 2/2 = 2/2. 1 m 6. of Thompson, Prival Co., 1956. 121 anigma. VIII. 27, 1906 (R.) Elw. (an.) 2450ft. horon bajada vegetation-palo verde, cut claw, some cholla + saguaso, Kochelinia, all spines of O. runginged taken.
I reportettix brakk num. in my dry bythin, not rathet med.

Malen. just 1 supt.
Prolosent 14 m punul. Ho more secu.
Dersammen 1 just. - all run.
Cycloptilum 1 supt from Cerille.
Unt. 11 + 1969 = 1980.
Utter nies. 0 + 212 = 212.

1956. 122 Summit of road para of Pinal

Met., htm. Superior - Miami, Pinal-Gila
Cos., arig. VIII. 2), 1906. (P.) Elev. (ch) 4190

fut.

1 sole ling happer Fater. !

Centh. O + 1980 = 1980.

Other ins. 1 + 212 = 213

1956.123 Betw. Globe and Cutter gila Co., arizona. VIII 28, 1956. (R.) Elw. (au.) 3250 feet.

with scattered rabbit weed - mesquite.

all species of Q. recognized our Fahen

Pholorous a few, 3 taken, very notion

Rebrita why the me Fahen seen.

lett 6 + 1980 = 1986. Cetter in 1 + 213 × 214

1956 124 7m. St. A Cutter, Gila Co, Arigma. VIII 28, 1956 (R) Elis. [an.] 4100 fut. Tall pass, particularly along a Mullow usoh, acaria, Noticia, their onle and a little Cholla. fris othery silt.

All species of B. recognized were taken.

Comphistorium I ad hupt.

The house, hupt, all seen. Polocesa a fair much, but my action - 3 Take. Congra carin 2 ads. I jim. tahun, on framel. Cabolains I taken, all some, in story till. Paropomala 12, 24 mupt from till from. Cle conthine I supt from thin oak. Cent. 15 + 1986 = 2001. letter ino 2 + 214 = 216. 1956 125 6 ms 88 A Coolinge Dam Pinal Co., arigona. VIII 28, 9915. [R.J. Elw. labrin.] Coulled on grantly of Filt. Mothing in Cmillia list jus. Melanophus Trim on silt surface With. 4 + 2001 = 2005. Other ins. 0 +216 = 216.

Graham Co, augona. VIII. 20, 1906. (R.) Clu one side sand and sandy silt with a varied open coon. Mithing There except. 1 Trepidules on from. On other tride accoura - Covilles . Ho Brotetlet, hut 3 immat. Rhabdouratites tratin from Coviller. levih. 4 + 2005 = 2009. ather ins. 1 + 216 = 217. 1956. ## 127 19 ms. S. of Safford, Graham Co, angona. VIII. 28, 1956. (R.) Celw. [altin) 4100ft. Funt grass and some tall bruch frass, Notina, acaria, Cholla, etc. on Thrung Only O. seen Trin . Strenna Fahen m filt hufan. (aut. 1 + 2009 = 2010. Certa vis. 1 + 217 = 218.

6 ms. J. of Safford,

1956.126

1956.128 7.5 ms. 88 1 Borvie, Crchise Co, Arizana. Ang 19, 1956 (R.). Celes (insk.) 3470 fut. Bare sandy tilt in mot yorto - nothing en it in they of less. Hum ar dry indsh Covillen. Mach brush to Bostitlic or gomeation. In Caville jus. Rhabdouratitie. Cycloptilum ruph from Certh. 40 + 2010 = 2020. ather in. 1 + 218 = 219. 1908.129 10 ms 6. A San Sumon Cochine Co, any. (front N of 21. M Line.) VIII. 29, 1956. [R] Elw. (inch. am.) 3900fx. Hoping brush with Covillen, Hack brush arain in moles. No O, at all exc Jus. Rhabdouratites hupt from Coville tjus mel from same. Closh 2 + 2020=2022. Withen his. 0

1936.130 4.5 ms. S. of Road junition 6. J. Steins, Hidalgo Co, Men Mexico. VIII. 29, 1906 (R). Elw. (am. of moto.). frutte untrach Apres of Telon allo note. Covilles almost entirely. No O at all exc. 2 jour hisma conflice in Contlea. Certh. 2 + 2022 = 2024. Other in 1 +-219 = 220 , 1956.131 whenstern Research Station, Can Cuch Campon, Chinicahna Meto, Cochise Co., Ang. VIII. 30, 1958. (R.) Celw. (6. m.) 1400-5500ft. the the campon flow for /2 me about this. Com minister of 2 species) and various onto, a full price. francel broken ctone - Honing with with putcher John + words, a few Epintia (pr.

pun) - low agave.

Syrbula fusiontlata 14, all sun, under onks en fromd. Tomonstus furnigues a right &, all how was taken in fromd under who land but me leg. No thus which.

Helisatus brujamini 17/4 tuhun uparately on more story operto. 1 rim. p.? Tim sun, 1 Fahren, in some Trachychachis Lov. gins. ungst. Constlaca himphreysii 14, man grasmo, net under onto, all our C. Lunchusama 10, 1p, tahun op, asmang dend ont leans our ground under orte. Portoma, a number sum, my action, one taken. Mil. 74. Mumorum jims. West. 19 + 2024 = 2043. Cether in 12 + 220 = 232, 1906.132. Same data as 1906 131 except elev. is 5400 feet only. Aloren The canyon flow for about 12ms. Conditions much the same, but little mat. udult. all opinio of 6. runge taken exc. Grasimops list running in from. 14+2043=2057

7 +232 = 239.

1906. 131 (cont.).

1956.133 Southwestern Research Station, Can Gul Campon, Chiricahua Mt. Cortuse Co, aig. VIII. 29. 1916. ( Mont Cagier) At night about thating (6, m. 5400 ft) in chinh of stone walls - fune, the. Centhophilus - Hoplosthy Hoplosphyrum. anh. 25 + 205) = 2082. Other ins. 0 + 239 = 239. 1956.134 Sum data as 1956, 133 except date is VIII. 30. 1912 (M. Cagier). Centho philus, Hoplogshyrum, Justino mo. Milanophies. With. 9 + 20+2=20.91. Cether ins 11 + 239 = 250. 1956 135. June data as 1956 131 but VIII. 31, 1956 (R) Wothing sum exc. These Two Consilians. Out. 3 + 2091 = 2094. atta in 0 + 239 = 239

1906. 136 Smith Int of Can Cuch, 5 ms. above Southwatern Research Station, Chincaler Mto, Culica Co, aig. VIII. 31, 1906. (R.) alis. 6000 ft. Weliasters tenjumini on rocks alongside of mad, but no much! Out. 2 + 2094 = 2096. Orter in. 0 + 239 = 239. 1906. 137 Barfort, Churicahua Mts., Cochese Co., any. VIII.31. 1906. [R.) Els 8200 fut. [with hilliam George-Ellen androy J Mountain meadons of Fall pass with Engine, some mullen a mummers the plants, some bow relatively dry meadered much, runnell by heavy frist of pine (no. spenies fine hell pine, fir and some little aspen. Close to The hip of the range. Chorthippers breatly numerous in The passey portion of the medice. Melanyolus of rights type billing coloned. Hustibie, ling-miged. Humans, Junal Let less frequent in tall pass, my settie. Milan. tradystrom red legged. 10 taken all renginged.

Milan. brankysterous Hur leggel. Relating monumer, more tayely in prace aure. lent. 65 + 2096 = 2161. ather in. 17 + 239 = 256. 1956 138 Southwestern Research Station, South Book Can Cruck, Chinicahua Mito, Cochise Co., aigma. 1x.1, 1956 (R.) Elw (b.m.) & 1400 ft.
An meadowy and brzzy sports, partly thedel, with Mont grass and low fronth, tall com sycamores chiefly and a lower story of the thrubo. from in places damp and almost muddy, appar from unduften from young n vocas washe by rain. abundant in porto, but layely immature. Mat is apparently Chypertitles schooling predomin - atel, although some may be forms of Paratettis. It Tellipidea was more local, in the damper and, and there more fully shaded. Fred Melanople of the brantiful rights type I ad. I and apparently a much I jiw melanophid with dup maroon tribas, they

1956.138 (cont.) Ellipse a few, roupt in with tetrigid anh. 150 + 2161 = 23/1. Cleatin in. 15+ 20% = 271 1906.139 Same data as 19.6. 132 except dute is 1x 1, 1906. Very ford adults, all seem taken. solowon 14. Lyshula fus contlate 1 ad. T - 1 jus. Under vales and jumpus. I'mynotethis 14 mo aning who me thing hill Hope. Conalisia hunchmanna. 18, 14, Tahun in cortu, under onho. Mil juns. Coppmently of a much of your, 19 + 2311 = 2330. When ins. 34 7 2/1 = 303-. 1906.140 Southmaten Resemble Station South and Can Creek, Chinicahua Mto, Cochias Co., and 1x 2, 1906. (R.) Elis [ b.m. ] 5+00ft. mundrete down Carryon from Station in mendow and grany spots

Cong the periminal stream of Con Cuch.

Pountitles apparently four adults, rumenous
in the whole my restricted area

Titligides 1 ad. I thing at rame from.

Dissections carolina 14 toher on my
cleaned place mean taboratory.

Whisters briganium muse theoffy in true

who tordering stream course, 13 toher.

Ellips That myst with titligid.

Ellips That myst with titligid.

Ellips That myst with titligid.

2374.

1956.141 Same data as 1956.131

except 1x. 2, 1966.

bry, my lettle. I Wel briganium

tum - lost.

Conslessed husebureans (p. Tohin among

clead then out leave in the framed. Firstly

thus true - lost. Once lost They are almost

more reliested, why is the mysting. I blim

they hide in the quantitie of dead by leave.

Out. 1 + 2374 = 237v.

Other in. 4 + 314 = 318

1956. 142 as 1906 133 lut 1x. 2. 1956. (Mont Cagin). Centhophelus 2 n 3 spenies (17 is apparents valgus a related. Hoplosphyrum 17, 34. Other ins. 24 + 318 = 342 1956 143 a 1956 138 let 1x.3.1956 (R.). Tettigidea las. - a munhf of jim. a. previously it was found unty in the dampin, and usually some Shaded, sports. Navatelles, mme generally for yet predomin-Missistina carolina 1 g Tales in many my Med. Jus. I cathered. lent. 39 + 2391 =2450. Ustin in. 14+ 342 = 356, 1906.144 a 1956. 132 exc. date is (X. 3. 1956. aughin jun. 1, all sem, under onho Congra carinata. I at in muchy tare tpot right at station. mil. desultanino 3 8, all adulto treated in many two homes work. apparently many immatives of This.

leth. 8 + 2450 = 2458. 16 + 3 16 = 372. 1906.145 as 1956. 133 hit 1x, 2, 1956. (Mont Cagier) + 2458 = 2474. lether in. 6 + 372 = 378. 1916 146 Rustler Park, Chinicalma Mito., Cochier Co., aniz 1x.4. 1956. (Mont Cazin - Ing. P.). Elw. (2.m.) Avogs. In fir and pine frust, with Analy spots with springs a sups, often with ansiderable orgetation, again brue grand. I sim publidge. I an have promed. " thee-winged Herm in rock stope along Trim reg. legged. On true ground a anny Mulling Trachyshachis ser on grantly area. Meloughus long-winged opinis. Munuman, rights type. 18 - 14 all seen. M. w. Junes small 18 . " " tayn 2 F. Milanoplaid for a p.? I pow. in come all rea

1956.146 (cont.). Atwoopelmaters & I under the med - pully Centhopolulus 3 opinime, under ofme anh. 62 + 2474 = 2536. atten in. 18 + 378 = 396. 1906.147 Below Ruether Park, Chincahua Mts., Corlinse Co, anig. 1x. 4. 1956. [ Mont Cagier - Jug R.] Elw. [cx M.C] 8200-8300/ Conditions much as 1906 146 except There was no running water, nor supo. brim. nd-legged. Moderately mume. Mel. Long unique puis. Commen. " Th. w. p. small. Nummer. horal and hand to catal. Cuphia pur. a few. anh. 80 + 2536 = 2616. letter in. 4 + 396 = 400. 1956. 148 Sum date as 1916. 132 hat 18.5.1956. Tettigider jus taken fith Paretitlis. but not expecially at water edge, as me true Ellips ahund the to white Chiefly immet blissostonia in how tril reser thating. Welisten in stones in stream that.

Mil just im fram much. Lays hither all the stopped of the stopped 1956 149 as 1956.32 tut date is 1x. v. 1906 und elmation is v200-0401 ft. adult haydy under orther 1 physica. Mel. prob. desultaries all sun - Fatine. Men. Mel. juns. With. 2 + 2693 = 2690: Other ws. 4 + 407 = 411. 1906.100 Southmotion Research Station, Chincahua Mts., Cochine Co., ain. alongside of huming prot.

West 14 2695 = 2696 Other ins. 0 + 411 = 411 1956.138 hut 1x. 6. 1956. 1956.151 as Boggy - passy sports with and and dure stand for willows, am haided storm chammels. hlisontina a hum juto. Conalisaca on can at Matin

Paratitliff + Titligithe as principle taken.

adult Titligiden for. his with finne price. greatly intrumber adults. arth. 117 + 2696 = 28/3 Other in. 14 + 411 = 425, 1956. Nº2 Can Cruk Carryon above Insthurten Research Station Chinicalus Mto, Cochise Co., anj. 1x.6.1906. Elw 6100 fut (ann.). In tall pass on on law yets under oute, junior + omne pine. bry little. Tim. red. legged. about frie seen, Two tahun, en stormer framed. Mel. desultaines à rel. Tiro sem e Tahu. I jow apparently this, also taken. I Consal casa huachucama seen - lost Certh. 5 + 28/3 = 28/8. Cetter mis. 2 + 425 = 427. 1956. 153 Southwestern Remark From Chinicalura mito, Cochine Co., aing 1x 7.1956. Elev (6.m) 1400 ft. (R.) In fund of Station at Catualay. Aliso estrica constima I in mude med ep? I solalt - justo. met prote diff. I just

Cether ins. 0 + 427 = 427.

1956. 184 Vic of Inthumben Research

Thetron, Chun cahna Mts., Cothier Co., Aring

1× 7. 1956. [R.] Elen [6.m.] 5400ft,

hade prature along Cantruck immediately below

the Station. Wet smed bows, damps pressy sports

with some clover and adjacent dry stopes with

scuttered tall pass' under your stand of oaks

Timiper.

Paratettis in damp arlas.

The plisantine a few on due opt.

Mel. of. in The dries stopes, a limited

Ellips mum. on sand tom portriularly. Out. 53 + 2824 = 287 4. Other in. 12 + 427 = 439.

1956 155 - as 1956. 131 but 1x.7 1956.

White almost entirely (as for as results one concerned) done in the large dry most of the of Care Coul channels, in in the brush first above this work. Climant, ire. spitting rain.

Inmust Photocoa my small, supt from oah leaves on brush above work

Welies try amini, but. apparently in small

1956. 155 (cont.) colonies on roche in work and on strong and frautly sufue of truck about The mash. Two pain une mated when captured. Constean tueshwana 17, 14 Fahen not for aport among dead ont leaves and Tryo in bank of work! The male, when personel, trid in among the drad oak leave. Certs. 18 + 28)4 = 2892. Cestin in. 4 + 439 = 443. 1906.106 3 ms N.E. of Douglas, Coshie Co, aig. Elw. (chuk m Chart) Colony highway.
Tamioprola, I ad - 2 immet ant. 3 + 2892 = 2895 Octor in 0 + 443 = 443. 1956.157 as 1956. 131 but 1x. 8 1956. (R.) much done a little more extensively, covering and I boggy sup pundping nuflew. Paralettic num. hut Cayely jus. Tettigides in fair men totaliged in The allips tout. Mil. jon. 1 hugt. Und. 65 + 2890 = 2960 atten ins. 14 + 443 =457.

1956. 158 Insthusten Research Station, Chinicahua Mets., Coshine a, arig. 1x.8. 1906. ( DUR.) In house. I Centh philus. Cent. 1 + 2960 = 2961. Other ins. 0 + 45) = 45). 1956 109 as 1906 131 but 1x.9.1956. (R.) much done dirifly in wash and in pichelof dead out leans, trips - transhes under out, punique, roch walnut, etc. Trim the light a three might. 14, all him, tutur on builders in dry work at about 5500ft. Keliastur trujamini Coral, in small Colonies, an builder in wash or an hog-but channel of the work. a much taken.

Constant fully up to hay treat in rettered Colonies among dead trans, in more rough hawken! Exceedingly agile, and our striand usually trumbing in cluding capture by driving into dup masses of die Evans he piles of intertrained dead trings on branches. Some From une truncal. Cent. 31 + 2961=2992. letter is. 20 + 457 = 477 , V

1906.160 a. 1956.140 ht 1x.9.1906. Paratetting in Mont pass and along crud in saifle. No Tilligides sun. I Veliastia brigamini a fre m more Money areas. ma. red-lyged. a rugh of me stong Constrace huachmenne a few street pulets of dead oak lanes and transfer and transfer. As chessin as given. Tons Minterior a few on transport port. Strammanti Lindeta - 1 & houpt from a floring compraite. Ellipes in muster on ent sound along cresh will. Last. 49-+ 2992=3041. Letter in. 8 + 477 = 485, 1956. 161 Jouthunstein Remark Station, Can and Canyon, Chinicalua Mts., Cochise Co., Arig. 1x.9, 1956. (Mont Cagia.) places st higher.

authorphilis ( strumpelmatin (1) a Hoploo phyrum () 3056. Other ins. 93 + 480 = 578 1956 162 Month of Can Gul Campu, Coshine Co., arin. 1x.10, 1956. (R.) Elw (ch.) 4800 ft. fan flamyne, with many ban ann f grant-mall stones, dotted with relatively low clamps of magnite and an your thurd of brund pass / latter in large part Armi- cundy. historientria (8/th. w.) running in france.
Whiapheromina (Feneral) from bruch pass. Foloresa a few adults, I taken, on fr. trashyrdrehis rest rum. but present as adulte ignes. On pr. Reductor a few, in pressur ares. 33 tale. Citotainis a fund, ado - jus. On hu anso Trim. Etruma type, few, I ad. - 1 jiw. orhen, mul- op 1 jour. - all den. Ductylotion I port. Fahren, all com another in 1 1 18 - 578 = 578

1956 163 Campon of South Forth of Can Cach, Chincahua Usto, Carlie Co, aig. 1x. 10.1916. (R.) Celw. (ch) 17400 ft. about 1/2 about juntion with read up to IN. R. J. - on up to range crossing. Oak, junger - sycamore on Itry, dry wash with small area of nearly limb but strong surface with out sunt! Undergr. druce with few your sports, there with some brunch pass. Suface layely carpeted with Disphenmena I jus. must, appar. from brush pass. Constine husehmana. A few m osh leans, 28, 14 Febru. Mel. op. (M. w.) 1 & Fahren, un france, Decarthus 18 (gum) -1 p (2mm) - 2 do from Ust. Both rupt from brown from. anh. 7 + 3079 = 3086, ather in 5 + 17 8 = 583. 1956.164 a. 1912.133 het 1x.9.1956

- c.H. Eller Drowny.

All Centhyhilm.

Doth. 5-+3086-3091

Other ms. 0 + 573 = 575.

1956. 165 as 1912. 138 Int 1x.10.1956. [R.] Conditions The same. Paraletter mite mymerons, chiefly areas Thom the following. Titligidea trially fundamen, usually with Paratettix, but only find the more unist rutins. He adulto them. Cellipse a few. Cent. 80 + 3091=3/71. Cetturis. 4 - 583 = 58, 1936.166 Southwatern Remark Station, Can Cuch Canyon, Chiricahua Mto, Cochine Co., aring. & 1x.10.1916 Edw. [5.m.)
5400 ft. all The Ellen alway: pharmid M. Cagin. Might mil. Parabrillus, at twimming port. Demonstr catalypay Paratellin crimes atoft put. resissation day time attracted to light. Mel. diff. 14 ditto.
Constance huachelana 14 detto Hoplosphyrum 19 ditto. With. 24 + 3171 = 3195 Wither was -2+56) = 589.

1906.167 as 1906.131 het 1x.11,1906. [R.). Jusinia lad. running an framed weeker Heliastus trujamini a ford. not numerous. in The usual Atuations Conalcaco truachusana aprit o sun, 4 Falur - 30, 8. brug toral and shrays man oak leans - Frimundones jumper. and. 8 + 3195 = 3203. Certin in. 10 + 589 = 599. 1956.168 a 1956.154 let 1x.11.1958. (R.) heissosteria carolina a few, 2 Trhen. Nelrastus brugamini fur Lun, 2 talen Mel. M. w. puico. a mucho adult, from the stream among a near the Paratettin from adult - nigue from. in famel Out 36 + 3203 = 3939. Other rive 4 + 599 = 603. 1956.169 an 1956 131 hut 2x.12,1956. Ideliastus brujamini Gral, on sandy sports

as well as on boulder. Conaliaca hwashucana also Grant, but almost always on n my man dead & oak leans. Us chrom as un, Lach one a springer stalk. Secured all sum hut trus (i.e 7 of 9). Mel. H. w. puis Final adults, in francisco proto Outh. 14 + 3239 = 3253. Other vie. 2+603 = 605. 1906. 170 South motion Research Station. Com Cruck Carryon, Chiricahua Mto. Corhice Co., Arig. 1x.11, 1956. [M. Cagin) Level. 1 + 3208 = 3207 ather no. 0 + 605 = 600° 1956.171 Same as 1956. 170 lut 1x.12.1906. (R.). 14 Fragmonantis on undo at Their. Certh. 1 + 3254 = 3250 lether is. 0 + 600 = 600

6906.172 a 1906. 138 Ent 1x.12.1908. Tethigiden unmann, left break, but 4 adulto to the runain der theiffy in mother prending matricity.

Paratettix num., part would, part imment. Helisatus benjamini I m sundy ypot. Outh 62 + 3255 = 33/7. Cether ina 7 + 605 = 6/2. 1956.173 as 1956.170 het 1x.12.1956. (M. Cagier). Athert Matrie. Systala fus contlata 18, 16 Bachyshacher With use. Keliastus tryamini un nes. Trimerstropio red- types, 14. Congra carmata a few. Conalcasa hundrusana toth uses, Mel, M. w considerable mis of shell. Photolister 1 ad. Flory migue. 64+3317=3381 13 +612 = 623. 1956.174 as 195.138 ht 1x.12, 1956. (Eller Bladway)

Partitle - Telligided (27 Jadulk).

Other who. 0 + 620 = 625

1956.175 US 80 crossing of Telonallo Mets., 19 ms. N. of Rodes, Hidalgo B., M. M. 1x. 13.1956. (R.) Elw (ann. Juistrum) Patihes of trush fress and masses of Yellow- flowered compreites among mesquite mato, acarea, toto notina, youra, nopal a chella. with rum. tare areas of story ground. In addition to These taken That 14 anotherus in net, but bost it. Rusquitien, homme, som praitin. Trum pullidip. m selt. " strama type detto. Mel. R. w. besten. Conalcaer tumphreysii in a tell rather Kerty 4 flow flowered imposite - all sum. Parogomala in truch grass. and 6 +3453 = 3459. Uther in. 7 + 625 = 632, 1956.176 Continental Wiride, 1m. E. J. Fipan, Grant Co., M.M. 1x. 13. 1952. (R.) Elis. (b.m.) 4585 ft. Un me side loose tilt and graved on boled adobe with almost nothing on it that

1956. 176 (cont.) Scattered departmente black truck - In adult Goniation all taken here, and it : on the other side small sua of transfed long france, some assess and bushy composites and orme black huch all material the Than the ton adult prostim taken in the rund area. Parataulher I in Till gues. apera puro mly, surpor. frishm, as alm, all seen. V Parogramala jus. I + & supt from grass. Mel. Jus. migo. With. 11 + 3459 = 3470. letter in. 6 + 632 = 638. 1906.177 13.5 ms. W. of heming hima Co., M.M. 1x.13.1912. (R.) Edv. (an. / 4070-/4 Rondside heavy brush pass, sphyshas, etc. Cennything taken from frist mentioned. Many you Milanophus Parabacillas 14 pinhiot Paroponala 15, 14. Mil d. 10 121. 9 With. 4 + 3470 = 347.44. Uther ins. 4 + 638 = 642.

1956 178 3 ms. 6. J. Derning (1m. N. M. M. 1X. 14. 1906 (R.) Elw. (an.) 4/60 fut. Crillia m low buch all Q. taken une sund from it Mothing tun on from nuface. Stagmomantis (& hupt from Coulles, Booteller mid nummers but local in Corollea haydy adult. Cert. 15' + 3474 = 3489, Other is 1 + 642 = 643 1956. 179 Sink of Minutes, 16ms. & of Westerning (N.E. of Little Harida Mto.), Lina G., n. M. 1x. 14. 1906 (R.) Elw. (an.) 3950 ft. Dense talt fress in dry frak flat. Worting Lyon except what was Fram. Paroponala jus. 1 tahun. Propridolophus 2 just diff. instan. Jan. undanoplind 1 tolen. lent. 4+3489=3493. astur ino. 1+6+3=#644

1956. 180 Ceast side of Lan augustine Pass, Olyan Met (directly 6. J. Saw Pedro Feak), hloria ama Co., M. M. 1x. 14, 1956. (R.) Celes (an.) 5475 fut. Timble and, I cathered trushpass, many till Gellow- florened composites, etc. Derotmuna le Cuticinatur 14 en fromed, Rehnsta 1 tahen in ground, another seen a Citolainis 2 my miall jim. tatum framed Mel. M. is (lahining) Himmune, particularly an trouble used. Westylstein 3 km, 2 taken, in fr. With. 26 + 3493 =3519. lotter in. 2 + 644 = 646. 1956. 181 Tularosa Valley, 39mo Mr J alamognes, hloria ana Co., M. M. 1x.14.1956. (R.) Eles (an.) 3775-fr. The Relationly rich but my dry dordoide begetation. Bath of feme Mit. Rav. with ann almost compt, rement. Black huch present (hot no givistren). yellow flowers composites, Kocholinia, brunch praces, etc.

Not at all exc. I Toudoournigle trupt from compratio. Und. 1 +3519 = 3520, lether in 0 t 646 = 646. 1956.182 4 ms. 11. of allamognelo, atus Co., n.M. 1x.15.1956. [R.]. Celev. (an.) 4400 ft. Covillia on flat - uningthing taken mugt from or picked from some. Nothing hum on ground hurface. Stagmonantis (4 (norma instalfile) from Mathoristites 1 ad. 7 2 ad. 4. 2 por from Bottelling, a runnha fadulte - no. juns. in diff. instans. Mel. M. w. p. 18 in Couller. moara. The voquent op, - 10 in Coville. arother I may me. Jiw. trupt from Civ. Cerum grede I & hospit from Low With. 24 + 3520=3544. ather ins. 2 + 646 = 648

1906. 183 Tularosa Carryn, Sacramento Meto, 2 mo. hlow Bent (10.5 ms. 6. of Tubarosa), Oters Co., N. M. 1x. 15, 1956. [R.). Elev. [an] 5700 fuly. I cathered prim - pringer with low mesquite, On grandly tilt truface only red legged Trim.

- jhv. Acolophiles of thember trupt from atriples.
Clith \$ + 3544 = 3548: Other in. 5 + 648 = 653. 1956. 184. 2.5 ms. NE 4 Menalers, Mescalers Indian Resumtion, Otero G, N.M. 1x.15.1956. (R.) Elw. (d.) 7100 por Wissot curting last. Parabauther 27 must from tall pass. prod. Centettix must for found com. agmostettix 10 mp. Thortheppen torally num. in grans - not how. notified of at last sur frame on Comophopher losel, tothe reper taken min, therings. 17, allower

Mel. M. w puis fred. Recogn. no male. Centh: 32 + 3178 - 35804 Uther in . 42 + 653 = 695. 1906. 185 Upper Rio Amdo Valley, 2 ms. N.E. of grun Free, Linch Co., M.M. 1x.15.1956. [R.]. Celw. (an.) 6000ft. Rondorde pass & med a law yets of grandly tilt. all spines surger. une Europt Hophus a few sum, 4 taken in low mid. herotuma - a sight pour transmer. Alphia poundomietare sur. sun, Cong flyning, 6 tahun. Trim. melamoptions horally minume, particularly our area, food inies Falin. of this pulm. (Note the name ned nutral Bracky with 10 in weeks. my in his Mil parhardi 14 tahun. show. pour a few, took upes Unit. 29 + 3580 = 3609. Certa in 6+ 695=701.

1936.186 Pottw. Timme + Tecacho, 2.5 ms. 6 of Timine, Lincoln Co., M.M. 1x. 15. 1956. [12.]. Celw. (an.) 5200 ft. Rondriche Fall much and yellow - flourness Comprailes, thistle, tundaper and tall brul pass. all spices rusquiged taken. apria a right of Tahun arphie poendomistana, a right of sem + Fran. True mulanget. 14 run - taken - all notice Compylarantha rum, only in the gellow flormed compraites. Mel. M. w nim, frances. Photalista rum. + punal. Cest. 45+ 3609=3654. Cester in. 9 + 701 = 710. 1956-187 Lincoln-Chaves Cos. Line on Ud. 70, 11 ms. 6. of Riverside, U. M. 1x. 15. 1956. (P.) Eeles. (an.) 4500 fx. bry dry rolling high plains conditions. Mat. concentrated in the mixed exetation of a dry curlout drien, exc. Drepan. a Prolousa, which we in previlly tilk

Poolocasa, l, ao atm. Alrepanopterno 2 D, as alon. Opera, 10. Tropidolophus, I my truns p. Photolistes, a mul. of jim. Mel. M. -w. M. ad. st. " Thomas IT all run. Campylainthen lad p - 1 jin, Fahr. . Out. 15+ 3654 = 3669. ather is. 2 + 710 = 712, 1956.188 4.5 ms. N. D. Roswell, Chaves Co., N. M. 1x. 16. 1956. (R.) Ciles. (an.) 42 50 ft High plains, my dry, taughed and largely dead grass, thistle, some yellow-floweried compraites (low) + a little truthe week. bry limited O. - all mogn. Film. agonestelling 1 them, my, all um-Thopidologhus 27 taken, 18then seem. Campylacantha a few, white. un ampraites -Mel. I species I spen. tohum, all nothing. Cycloptilum 1 trupt. West. 11 + 3669 = 3680. Certin in. 3+712=715

1956.189 21 mo. 112. of Roswill Im. 8m. of Milma, one of our 1921 tors. T, Chano Co., M. M. 1x. 16. 1956 (R.) Elw. (an.) 4200 fr. the low story brush about punal immed. land with small patches of Covillea Lote O. bester out of Civilles was Cycloptilem. all the met, from from tratticel low hunch pass in low yellow-flowed Compratis. Cordillauro / Jow. Rebuita 18, unther sum. The strenma-type, 18, 14 then, no their Maroponiula 1 pin. ringt Excloptilion, as alm Unt 9 + 3680 = 3689. letter in. 2 + 715 = 217. 1916 190 5.5 ms. NE. A Wightenesome, (beto Roswell - Elkins), Chanolo, n. m. 1x. 16. 1916. Elw. (an.) 40-71-ft. On reddist sand - many narrow Ceand yours, compristes, thistes while grass. Parabusillus both sexes adult, chrifty in Phindsoumyle htt tises adult, wouldy in compristio ("nathit unid") Paropomala in tall grass.

Trimerotropis op. Cluby 1 tun - Fatur, Chen Campylarantha - Hesperstettiso (mly I sem fin rathet med. Arethain mept from same. learl. 29 + 3689 = 3718. athen was. 21 + 717 = 738. Elkins, Chans Co., n. M. (nun Rorountetto. line). 1x, 16. 1956. (R.) Elw. (air.) 5700/7. any low their oak (2-2/, feet), in Thick must yours, some truck from, much true redlet trud, which unlies all. Cerrything clearly runger. was Taken . exc. 1 Trim. of The James opinies taken at 1956. 190. No more of it could be located Parabacillas 14 Fahren, nupt. Mel flavidus type. 1 them. "gundratus" types. 18 " Mr. acidinae, m. Unt. 7 +3718 = 3725. Cetter in. 6 + 738 = 74.4.

1956.192 8.6 ms N.E. of Elfrida, Rosswelt Co., n.M. 1x 16. 1958. [R.) Celes. 4200 ft. Simflowers, Frontle-wed, - num. Then low elements of planis com on red sand. Parabaullus 20 supt. Mind Ming. herstmina 18, 24 m bound Haubyshacher 19 m sand hipme (me damaged I) m mud, all seen. Tropidologhus Ion sand, all seen Campylasantha hupt. Mel. 3 prices appear. Falen. Viso my thing fliers, carried long distances by wind. Clut. 18 + 3725 = 3743. Uther are. 6 + 744 = 750. 10.5 mo. NNE A Portales, Rosewelt 1x.16.1906. S(R) Elw. approx. 1906.193 Co., n.m. 4150 fh Roaderde - trouble - und, trouflower 5 var. The plants on reddich sandy a passey tilt. Mind thing. Johnnagemen I troken in fand - all seen. Me. "frakatin". 14. " Harridas types. 2 peries talian

Cyclopteline 1 kupt and. 12 + 3743 = 3755. Other in . 5 -+ 700 = 750, V 1906.194 Between Clovis a Texico [2,0 mo. G. A Clovis], Curry Co., M. M. 1X.17.1908. 1R.). Elw. (an.) 3900 ft. framo bystation - dry draw with Fall Merminia resmers in Fall grass, which is in part frans and where curring Campylacantha - num. Chiefly in weeds : Phoetalistes a numbe. Mel. Cahim Type. munerous! " Handus Kype-a few, I Taken. whent pines T, 16, my few Clecanthus myst. Other min. 3 + 750 = 703. 1

Campylacantha a few, grite

Muall-perhaps unriamment.

1956 195 Im. NE. o Borina, Parmer Co., Texas. 1x. 17. 1900 (R) Elev. (an) 3660 ft. In areas - me tadly greatly dried up frassland roadside area, most species Fahen there; the other me of tall rude along the edge of a mon nearly dry Hough of Kumming Water Cruck List no running unter now ], 4-6 futhigh orget. all Merminia Mel. fermin - M diff. une tahun there also ome Mel Calmins type, which mas also general in ormenue. Symbola 24, all sen, in the low passland Merminia maint. - M. neamers. With in the rudo, as mut. ahm. Philipstroma a few fundes in the low grantery. aptia - a few, same aux. ropidolophus I tahun in low ana, all sum. Mortalistes, a few in unds. Mel. Echinins Common, June . dif. I, all hun, in tall rules. "I f. nuhm in all tell needs, af u few. "I, all tem. "I, all tem. "I must. "Leval. 43 + 3770 = 3813. Uther ins. 3 + 753 = 756.

1956.196 3 mo. NE. A Summerfield, Weaf Smith Co, lesses. 1x.17.1956. (R.) Celus (coh) 3650 ft Hadly duid up great plains yest. fraso, Fromble - und, with much deal. Q. fauly numerous. All yours rugn. Keaphermus bile 17 haters. ageniotettix - hv. from from herf. Merunia manlip. a few -in till viget. Campylarantha not num. - small series taken asolophides mm. - my artin, chiefly in the truned up com. Brutyst No 17 hopping in dried up yet. Wastylotum 12 m grand. Med. Lahines type hum., france. "gradiatus" a fin. " brittatus 18 , all sum. " fordus? 24. all hun. Quanthino a find soupt. UNS. 51 +3813=3864. Cother ins. 10+756=766.

1906.197 2 ms. 8W. & Umbarger, Randall Co., Texas. 1x. 17. 1956 (R.) Celes. (an.) 32 50 fut. Weedy and my dry plains vigetition, tome grass, mostly low and dead, true took of selt. all puris of O. rugnized une taken exc applien poundomitans (Int 1 seen) Separation of the formal. apharaguman Liprus, about 4 sun, 14 Fahren, flyning Munudous distrucció. Irun. pallidip. to un fr. Taluri propidolophus a few, 23, 10 Fahren. House up m legs. Campylacantha tro. non, 1 taken. auslightishe but a few noticed, 4 Fisher Med. Cahimo type, a much, his. There. (1) Aiff. a few, 5 thm. West 19 + 3864 = 3883. atherins 3 + 766 = 769.

1956.198 4.5 ms. NE. of It Francis, Caron Co., Iexas. 1x. 18. 1956. (R.) Celes (an.) 3525 fect. hery drainage ditch toto. RK. track and highway, full of tall dry und. Elewhere planghand in cultivated. actorphides abundant and my action, chiefly in tall rund words. Campylacantha, not rummino, loral. Mel. Calmins type, about dant, fineral. " diff. a find, I token. " flavidus 1 tahen, all morga. " fernen-nobrum a find. Cert 1 mpt. Cert 39 + 3883 = 39 42 Other inc. 1 + 769 = 770 1956.199 3 ms. NE. A Tanhandle, Carson Co., Texas. 1x. 18. 1916. (R.) Celw. (an.) 3400 ft. Wind my Life! Tall, langely sum - could, grass on waderde (clowbine grayed ent or cultivated), fine thost grass areas.

1956.199 (cont.) Merminia - loth manly - neomer - always in the taller grass, and drifting for with the my strong M. wind. Upin about The thint pass areas. Deprestation men The frames.
Photostation immerses. Mel. Calinino 1 Taher - few-trolum 1 taken. Campylamontha few, 1 talien. art. 29 + 3942 = 3971. letter in. 0+770 = 770 1956 200. 6 ms. E. A Pampa, fray Co., Texas. 1x. 18. 1956. (R.) Elw. (an.) 3000 fr. mind excudingly ligh! Mound wadside drain - my lettle O. all adj frand ploughed. Campylacantha - a few. Mel. Calinius - ditto " " " guadratus 10, alsum. " funn - who I to Falm. Western myt with 9 + 3971 = 3980 Cethering 9 + 770 = 279.

1956 201 5 mo. SW. of Miani, Roberto Co., Texas IX. 18. 1906. [R.) Elev. (am.) 2600ft.
along in men bout day stream box Frib. of Red Ween Cuch ( this a haush of the Canadian systemy Exceedingly day tall pass, carious unds, onne fully duid up and dead, yours. the. Ceritettise I kny mall jus. migt. aprin a few, chow to from. Agmestetter a much, informed. Mennina rumer. action. Februata Cinjenta free flying, groung long distrumes with the aid of the wind. Iniv 6 Record 4. Phoetalistes a few. Mel. parhandi a few. " f. - subrume 1 D. the. Clork. 26 + 3980 = 4006. Other wis. 7 + 779 = 786.

1956.202 2 mo. NE. J. Miami, RAnts Co., Texas. 1x. 18. 1956 (R.) Elw. (an) 2500 fut. Mind my tip. cottonwood frees along now dry tream All telligemendas me Fahren in a man augher 1 Fahre aut in som- all sum. Phritalistes 14 unpt. Mel. femm. mhum 18 driggt. · diff. a few, a pain Talen. Orch. 2 T - 14 taken, all sum. I franch made Consorph. 17, 3¢ ", " arth. 13 + 4006 = 4019. Cotton ins. 2 +786 = 788. 1956. 203 3 mo. NE. of Canadian Rim at Canadian, Hemphill Co., Texas. 1x.18.1956. [R.] Elw. (au.) 2440 fut. Jund hill type of plains, with renface

about entury sand. Com chiefly words - largely sandspur- and harthry tungles of great dinnily. Mind high. bry tillo O. Mel. diff. We prices Tahen - 1 Ich Cincata present, but taking refuge in the impentable impenetrable hackbury Fragles. Out. 1+4019=4020 Uther ins. 8 + 788 = 796. 1956.204 6ms. NE. A Glazier. Lipscomb Co., Texas. 1x. 18. 1956. (R.) Elw. Jappnx. 2400 fut. High wind bry dry high plains grassy swale. bry little Everything mogn. tahun exc. I Parapromala Menn. neomer. 19 tahen. Schrister line ato 1 to the other from Cumpy Camotha 1 talen Mel. diff. 1 Falm.

1956.204 (cont.) Mel 19. 2 1 rahum 1 the 1 Tahen + 4020 = 4027. 0 + 796 = 796, 1956 205 2ms. & garnett, Ellis G. Ohlshorz. 1X.19.1956 (R) Eles (an.) 2220 feet. mind high Planis brightation with much your sand. pour and clumps of tall hunch pass. Small areas of almost have sand. Stagmomante jus. regt from com civitetlis pur supt form frank. agenistitles on finned. Asphia jus in from. Hespirotellix primis a few, Campylacantha not mun, 3 thm Schrotocura Cenesta X7 John. Mel. mex. " flanders Humans (the Thise) " n rel. Dew (red til.)

Occanithus 1 trupt. Centh. 26 + 4027 = 4053. Ostur in. 1 + 796 = 797 . V 1956. 206 5.5 m. 6 f Harmon, Ellis Co., Oktahma. 1x.19.1956. (R.) alw. approx. 2125 fut. Small low out Thickets interspersing planes grassland conditions and plant types - much trudgen, bry little agenestation on franch. Sphan Spharagemen in brugened. Campylacoutha my fow, I taken. Schristmuse Christin triding in oak thicket Mul. 2 pp. of The flavious type.

Hyping into bals when bursued.

Cerst. 7 + 4053 = 4060 Other ins. 1+797 = 798. 1956. 207 5 ms. E. Alici Dewey Co., Whelahoma. 1x.19. 1956. (R.) ( Elew. (altim.) 120 feet. Mean day drain. Tall rank pass, trand span, turnthe-und, the, with the patitus

1956.207 (cmt) of smudy grand. Stagmomanti for supt. Ceritating I jus on ground. agenestities in found. Tohangmen on sandy proud Mel. Lahmes type 1 & Fihm. "graduation" 28, 14 Fran. " brittalin 2 p total " wheater 18, 24 Fater " fermen - ruline 1/2 taken mexicames? 19 Them. p.: tw. then, Photolities 16 them. Occarithus 3 supt. Out. 22 + 4060 = 4082, 2 +798 = 800. 1956.208 /m.W. of Orion, Major Co., Aklahoma. 1x.19.1956. [R.] Elw approx. 1500 ft. alle comfile, langthy pommup un hufbrois - wil fandy toam.

Tharagumen in fround suf. Hadrotettis detto, 2 sun, 1 Fahen Mel. parhardi a fre, 2 Fahren. Cecanthus all supt from sunflowers. Other ins. 6 + 800 = 806. 1956. 209 5.5 ms. N. of Fairview, Wayon C, Chilahama 1x. 19.1956. (R.) Eles (altin) 1150ft. Roadside - mand mourd grass - week, with areas time from up in truflowers. Hippio aro, 1 - all sum - Tahen an roadway. Respertettix openiosus 1 - all sun. Mil. mittatus a few - 1 talen " diff. mm, 2 thm. " flavidus type 2 Film, then run. Cest. 14 + 4100 = 4114. Cother ins 5 +806 = 811.

1956. 210 7.4 ms. E. J. Cles Springs. Major Co., Aklahama. 1X. 19, 1956. (R.) Colum. (altin.) 1200 ft. Roadride tall words, putty brustle-und o of mudepur - in dry drain, ome sandy tilt areas. agenestettis mpmmd. pharagumen in road edge. Mel." flavider type a few " femme " I taken " graduatus ? / Fahren " trittatus / Fahren. Oceanthus beaten from word. Utthe 17 + 4114 =4131. 2 ms 6. of Pond Creek, grant G. Aktohoma. 1X, 20, 1906. (R.9 Eles. (altim.) & ofut. Wind very high Rondoide dry ditch, with till frank, trouble und, sundopur, etc. Spharagernon num. - petri, on hum

agenestetter, on fromed. Mil. appar. 3 spines. Unmums. Cecanthur - nort. Certh. 26 +4/8/= 4/57. Other ins. 0 + 8/2 = 8/2. 1956. 212 4ms. 6. of Tonkawa, Kny Co., (Oktahoma. 1x. 20. 1956. (R.) Elev (altim.) 750 fut.
Roadride, mowed but partially Merminia few, I pain Fahren Trachystustice few, Ztahen, unds ide. Hippisons a much, and elge, 3 Talum. Agendettis a much, en paul. Md. diff. num, sov. Taken. Sanddenia 1 juv. kupt. Consuphalus 18 ungst. Chranthus mm., tropt. Out. 30 + 4157 = 4187 Cotter ins. 0 +812 = 812 1

1956.213 1/ms. 6. of Tonca City-Osage Co., Oklahoma. 1x, 20, 1906. (R.). Elw. (altin.) & vo fut. mid his Kondside orgetatum, chiefly wied. agenesteller men in finne. Mirmin two, 1 p taken. Trachyrhaches 19 Fahren, in formed. mel. of num, with war then Neverworth. 14 hupt from und. Ulist. 15 + 4187 = 4202. Other ins. 3+ 812 = 810. 1956 214 6ms. W. of Pawhuska, Chaqe Co, Chlahoma. 1x. 20. 1956 (R.) Elw. (altim.) & so fut. Mind high. Open planes conditions (range land). Kondred inch. Engthing resogn. uns taken except 1 Hadrotettex lost Syphola admir a few, 18, 24 Febru. Cyphulella mum., small price then.

Unt. 19 + 4202 = 4221, atherin 0 +815 = 815.

1956. 215 10 Coodingo Bluff, 6. side Jundegris Rim Norvata Co., Ohla.
1X.20, 1956 [R.). Elw. Chul 1904 Roadride - Strip cut bank covered with dead a dried wied frames All opinis surge. Fahren exc. Hadrdetter. agenestettes in fraud. Caphia gus. .. .. Campylaiantha Sirana rummen. The Mel diff a few, I taken " Ervitt. . . / " " mex ruman Ceranthus must. Cesth. 20 + 4221 = 4241.

1907. Hastings Wild Ref. Resumtion, Monterry Co., Cal. aug. 29. 1957. [R.) also. 1700/4. Cat pass and my bout ground com close It the himodale home. Milanglus directata The most humans puice. Mel. liquelus Lype, a fred, lord. Porturna Manninger lad. . I jim. man tonder of who words, but not in latter. Oceanthing. I smyst under Edge of val unds. Northing trationed = 4 Jame be. as 1957. 1 het VIII. 30. 1957. Coscutally the same anditions as 1957. 2 with mu poto bare blackish with, more tall out grass and mall piece of meder under Melanophus des. In and away the most num. species, in all subinomments, broad range of color tous and size in The population. Hel. Lignestus type, a few, scattered. Eledebroother enigma my break, not rumerous. Oldal. malle species, my fow, apparently just coming adults, agreably local. Dissorting red-inight,

19, all sem, close to ground under low com Chimerocychale my small prus. Cheanthus tothe in your low com and inden the edge of oak Hands. Tolorson thammy year Idd. It I ad. & , all noticed, taken well agent from me another. Hugustetting of w. 10 mest, all sum. Out, 68 + 25 = 93. Other is 10+ 4 = 14, 1957. 3 Jum as 1957. 1 hut aug. 30 Pm. (R.). Jame aus as could in 1957. I and Melanophus desatteta france aludent, many color types. Metanophus lignestus type, horal in fis.

sports, in that tall not pass, that pass on born york of black soil. the turne mall area, with bedpring, butter - like fromd lugging mullin like, blinch white plants. Porterson thanneysea. a righ mak to Trim. fontana. a single me sun - Tahu. Jus. offiportido. Ad. myt with. 41+93= 134. Clother was. 9 + 14 = 23,

1957. 4 Hastings hild hife Kramation, Monterey Co., Cal. als. 1700-1800 fest. aug. 31. 1959 (19 Andred on Hopes to Mr. of The himsdale home first, Then below the home, when I have worked the last too days. The former was chiefly badly world Hopes, ythen wearly bare is with my yourse cams n in pout tall pass out pass. Chierost nothing there except M. devastator. Her the phinting was the town elevation, tall est gran, with bun jostilus and much of the two mulling like plant. Mil. dernstatin abundant in with ans. Oldalim. ungma I mun - lest at appen Matri, 3 Fahm at lower, but one then seem a last There - always on framedor los frank com, a crowshir, hum often prosend m. Oedel. the sp. - me finale. all runger - at low tothin. I tolorous. tre. seen but escaped, I por. Fater at lower station. herosoteria red. ming - un at upper thiting, all sem. Chropluma funde taken from tim om under fre pros, just blow house.

1957. 5 Jame grund aus, alm. blow himsdalis house. Cuy. 31. 1957. Pm. he tall, glass, in low the come and me intually law Hack called mil. Mel! directator final a commen. " th.w. sp. (lignestus p.) a my fus. grite Enal. Oedalionsters unigma long loud, in hlisaretuin red ming. But me une Fahren-up the Hope from The to have. Postocora Thomagaea 18 Fahre, all Clingshima. 10 thm in thick but low from alone the house - all seen. Outh. 13 + 149 = 162. Cottonin 0 + 24 = 24

1957. 6 Hastings Wild hife Reservation, fanta huma note, Monterey Co., Cal. 1700-1700 ft. Lept. 1, 1957. (P.) Rown Madrone In wood about the heiselalis Tiome. Thisfly worded with various rate and organise a few patients of france humans Thus, a heavy caught of that out leave, Fill st part interior hum a there.

Fronts Protourn thammogan I trhen, me other lost, on dead oaks under who, but in truny yest.

prot of relatively bare earth, montain trimestropes fontaine 14" that phen in ham been and no trying old trump.

Mel denastator - a few in patitus of tall grass intrusion from adjoining open land.

Mul liquides from Most wat leaves draw and the oaks, often in dead oak leaves dray artis where iters is a character of the oaks, often in dead oak leaves dray artis - character.

ath. 14 + 162 = 176.

1957. 7 Summ bradity but also. 1700-1800 ft.
Sight. 2. 1957. how divide which diet
wood crosses in way back to Carmel
Vally. Considerable area of chamice
was ed with land wate, and open will
thops with out process and other puttles
of much land process and other puttles
of much land process and other puttles
was. M. devastator. Hotel wood exhaus.
Mothering friend in chamics.
My divastator my remained which in the

M. lignuoles fromp. for. From, our Falur, man the today of Faller fromthe and in me case thadid by tall onto. Portorona thammogrea Lev. Lun, in Film, in widely reparted opts. At atall common, charly man its unstern limit. Clust, 6 + 176 = 182. ather ino . 3 + 21 = 28 1957. 8 Hastings Wild hife Kessentin, Monting, Co., Cal. Celw. 1750 - 1850 ft. Apt. 2.1957. And morked accross the traddle to The SE, of the himsdale home to the homestead in the west hollow. Much along read, chiefly in town Camunda, a right inditation in that fram aling und-all restignized. Trimerotropis op. a ringle mak men te rond. Mil. devistata many, a few tahunliquedus promp - simal, not friquent. Cladalinatus errigima - a Cles. sp. a few, others last.

1917. f. (mt.) Cleranthus, a few mapt. Clerk, 21+182= 203. Uthuris. 1+28=29. 1917.9 Jame In. Supt. 3. 1957. alw. 1700ft. [R.) book down in the tall out grass and lower from and home opto the his dale home and the Davis hours. Write name. nothing magnified mas not collected. Prolocosa thammogara fix sun, me taken, mily in hour sports, most detirs. hers retire vunsta a few sun, our Fahren, my Mil. distalate mynter in plant com in the your, all signs and many when the Fyper. Mel. lignestes jump. bry total, and the relatively running. He explanation could be neggested for the treatigation, as it did not seem to be correlated with partie com, although much less frequent in The Fall Herden comments, how find The French the tradem to the continue of the print ment and the trade the trade the trade of the state of the second to the second Changes - long chare to fet it.

Cleranthers, Form myst 1 jng. 8 ads.

Certh 45 + 203 = 248.

Certh ing. 2 + 29 = 29.

Jaina de 1957. 10. Top of dinde (Salvins) atm.
Nastings Reservation, Menterey Co. Cal.
Celes. 2500th Sept. 3, 1957. (R.)
Tall pass under oak come cattle grayed but grass long. Mondaful view our falciens valley. Very five O.
Protocora thammogree me tour last.
Cedal. confina a very few, two taken in grass.
Chemanosphala just. 1 Tohen.
Unth. 3 + 240 = 21-1.
Ulther vis. 0 + 29 = 29.

1957.11 Most side of & fame divide at
2100 feet. Light. 3, 1957. (R.)

Copie a pine frust with open fras land
patrice. Frund nothing in pines, brating
produced nothing from the order. frass
area nothed only, I Perlamenth, and
two frunds Cedelemeters exclass. species.

Lett. 3 + 251 - 2524.

Letther was. 2 + 29 = 31.

1957.12 Same as 1957. 9 test Fyt. 4, 1957. mel. desestato momeno as usual. Clidat empire a fur all rungen . taken Dismotrina vennesta a my fur metaken Person thannoquea Clus male taken, a few recer.

Cesth. 14 + 254 = 268. Cettur ins. 0 + 31 = 31.

1957.13, Carinel Valley Who Tularcitos Rauch.
Monterey Co., Cal. Elw. approx. Wofut. Sept. 4, 1957. along edge of tell wordland man Cush. ather me 0 + 31 = 31.

1957. 14 Point hobor, Monterey Co., Cal. Celw. circa 75 feet. Lyst. 4. 1957. (R.) In low com, chiefly Fall fram, in your, inst about track and track rocks. Wall. a few, not muses me.

1957. 15 as 1957. 8 but all on Wastings tide A fum. Celw. 1700-1775ft. hypt. 6. 1957. [K.] along road, partly in open, partly under rates, mu have auns, mostly tall out free. Iw. juv. ayohia surjet. Wissortina vanneta - Corally in the town sports. in mulipho Olidalian Tus Tudemin penis. One &, all resignized. Under oak thate. Mil. devantator - Not friquent, too Maded. " Lignester fr. a few, generally un Senden spris. must.

Letter in. 4 + 31 = 35,

1957.16 On Media Ramb adjoining Hashing
Plannation to the rastroned. Elev. about 1900
feet. Pept. J., 1917. (R.).

(lepen ext pass proper with remaining love
in much been spite.

Perlocase thannegues a few, my estive, and
taken, feminal.

Alionotinia remests treatly remaining in term
yette.

Congrasp. A might & Taken. He there recogn.

1957.16/cont.) Cadalionating engine 17, all sum, in three oper, enduin. 1 p. hv. 4, in separate porto, trun anas. Mel. duastata munio. Trim altrowns Un mall colony, my tout, in trungrand. leith. 20 + 299 = 319. Other ina 3+35 = 35 1957. 17 Januar 1957. 1 het Espt. 5. 1957. (R.). Hul. direttater a minter-no. talen. Mel. ligneolus type. few, two tohen, hus rather man the today of she thouses. hersentino musta 1 g Fahon, all rece, Quantino 1 jour better from only miliary. and. 9 + 319 = 326. Other ins. 7 + 38 = 45. 1957.18 as 1957.6 but reaching higher, probably narmo trail along strep side of Curyon. falch, opining out at trine into small Hote. Hopes sud gulde tottom Findend,

Chiefly vah, once canother, gund

com withen tall out pass introbies from

The nearly stopes or low then grass mixed Iften dead tak leaves. Outh trance and Photocosa Thammogara Sw. lost we take . Very toul, on ground, usually the base sports.

Mel. Instator Of few, in The name of me topots, apparently intensin from The ready haven stones. paray Hopes. Mel! liquides for he mall colonies, local, Afrans and inixed orgitation. Vry actur. Mumerous color phases. durdderia mer. 13 myst along tract. Quanther 2 just. myt. Out. 25 + 326 = 351 Cotherins 7 + 45 = 52. 1957. 19 Jum as 1957. 1 but Fypt. 6, 1957 (R.) Portocson thumogree deane- 3 tahun. Mel. disstator Emphere in fruit ahuder " lignelus p. a fino, not municiones - 3 tale Wedal. surgen Few. 2016 Fation, my fur thus sun. Withal undermin sp. 1214 Fahren rymustely

1957-19 (cont.) Chrisophuna 14 tahun fungamelin tall grass - all tem. Ceumother of supt. levet. 18 + 351 = 369. Uther is. 9 + 40 = 54. 1957.20 Hartings Waturd Wirting Resulting, Monterry Co., Cat. Elw. 1700 feet. Lept. 7, 1957. (R.). both us done in areas near the road in below the station. along dist mad, Endury orgetation and areas of Hall out grass and Thus um bow blackish with with little plant com. Trim. pallid. I on diet road hunter, all seen herisot runsta from dette. Mel. dirastata lisarung. Rifficult to great abundance of This. adalentus enigma, horal on tares optisrut common, The mis Falon mont consid. warsh. leventhus av. tompt-ma from makinging levels. 27 + 369 = 396. Johns. Letter ws. 6 + 54 = 60.

1957.21 Same Grabili, 1700 fr. lut 1x. 8, 1957 book done between The road out and the pump house to the M. of The road, buy large in out france Bromus & another femme) in me open bren sports, in a few rosley mucho (nothing then and in friend come under lin och. Try for O. except M. demotation. Direction van. a my few, in how yests. One taken in surface of dist road. Trin fortand Under suface of distroad, Mil. anstata fineral, but were pruticularly Mel. legisolus fromp. Com small colony in dend oak leans, dud fram and hand track en thate under giant live oak. Chrisplen 12 in tall fram in your, all Look 15 + 396 = 411. letter ma 7 + 60 = 67.

1957. 22 Ann Enality, 1700-1800 fut. 1x. 8. 1907 | R. ) The hill Hopes to The most about the Hastings cottage. a few Earge raho, severalarias of the tangles O. exc. M. directator. M. directatos rummos, but not as abundant as in The praces areas about The house. Litamentria lad of running on the ground. Linddena 14, pole pinhish draw Outh. 3+ 411 = 414 Other ins. 0+67 = 67 1957.23 Same ava as 1957.8, same Montinio. Lept. 9, 1957. [R.]. Frésoula in Morne in hinodale horre. hitamentria & running us ground in Son Perlousea few, truttered, 1 Fahin, in tone The Malin Kansh lands. purticularly in The name randy stretcher of road,

the Trummstryin frutaum 19 m Frail along edge of world within. Sum. afteruns 2 gg in The relatively tome and where IT of The prices were tohen in Sipt. 2. Liv. others mu, but no FT. Frim. Twochelie 14 is along The thouthy borden of the und down throught The glin. all renginged. No chamer mar. Cedal ungma a few in rame lamana when the on fyt, 2. Cledal. weden yee. It taken in The worked Mun - 1 g list. Luddina 10 hi tall pass just byand Tunse - hospit. Cledowthus are hopt in tall per. Certh. 32 + 414 = 446. letter was 6 + 67 = 73 1957. 24 as 1957. 2 but Supt. 9.1907. (R.) assiduous mak in and where com uno Monte and more dry blackish Barth expred. Pertorson thammagnen a limited much sum, a & a & Then separately.

Mulanophus devastata Europhus, all rigio and coloration. A suntahus.

Cedalimotus turgma. Vry total, sticking close to the fromd, apparently hiding when not jumping, among wort stalks a printful jumper and my capable I chusting a met, purtrintarly the males. Cedalinistus endemn puns. a single finale tahen, all seen. letth. 22 + 446 = 468. Other ins. 0 + 70 = 73. Wisting Recurstion, Monterey Co., Cal. Light. 10. Melanophus derestata losal, in tuny places on flats partriclarly. Mel. lignesters promp. Vry local, but multing in unwines in a healt area. finerally in areas with many dead oak leaves, and always in the formed com. Poloissa. a few. rathered. Llisastinia um. try Coral, in humy sports, usually tandy mes. min. fontana Ce trugle me Falen. Sanddina a & Jus. myt. Uther ins . 1+73=74.

1957.24 (cont.)

1957.26 Sierra de Valinas, Monterey Co, Cal. Most risk to top of divide. ale. htro. 4000 in head of Bear Carryon ( windows unach). Supt. 10. 1907. (R.). The upper slopes of the Sierra de Salinas is rather thinky worded chiefly with osle, howevery large, interspersed as single Trus in champs our grassland. Conditions of un not markedly different from There of 1700-1900 feet het less taugles and shore pur prono. Certh not almig Mil. directator a my few. Wirmst - dos venusta Mest rumanus, on laver patities, as love down, my Tribu. fontana Olive at 4465. Cammela a small colony, only at 446, lether iss. 6 + 74 = 80.

1957. 27 Trugea Ranch, Robertom
Cruck, Minterey Co., Cal. Eles 2500 fr.
1x.10,195). (#2) (fran his dale)
Un firmed by rangh house.
Understoo endem. prices.

Other in. 0 + 80 = 80

1957.28 (1957.100A) Snoth nistem Research Attim, Can Cruk, Chinicalma Mts., Crehise 6., arigma. alw. 5400ft. Lyst. 15, 1957. (R.). Worked for greater mile about thetin in main carryon, chiefly in n mar wash, much in thads of oah , Juniper + tycamore. Stepnementi I he sweet homes in morning Prolocosa I under osk in frank letter, all sun. Trim. palliplip. 18 under orles, uneval hebitat, Mistoheyma platlei suhipsume. 18 in shele aling unsh. Heliasthes trujamini. Relativsty commen in and man wash. Melangher Calmins. Very few abults, in mus sumy sports. Milanophed disaltonins. 14, all sem. Constarea huachercana. Koral, in thede, leans. Ho males seen. With. 31 + 525 = 556 lether ins. P + 80 = 88.

1957.29 (1957.100B) Same ana so 1957.28 hit extending up campon to frist made hidge. Elev. 5400-5500 ft. Lyt. 15, 1957. Jame general undition as 1957.28. Stagmoniantis limbata 10 un pass under only and junipus. Polocoon of in dead out leaves - all seen. applia. In pris. on fround in shade. Mestobregnia platter subripenne. 14. Same as Heliastels trujamini. Same type of habitat as for 1907. 28. Melausplus Calinus, Fred adults, one longunique, plus yours, usually in francy and Consterior hurchicana. heral, municipa, wenally on in dead out leave. a for males Fatie. bry action. Outh. 38 + 1556 = 594. Cether ins. 10 + 88 = 98

1957.30 [1917.101A]. Same loc. as 1957. 28 - 1957. 29 het Sept. 16. 1957. (R.) mh done along soud and in adjust con m N. side of rold, down in frist read trilge Whow thatim. (ah. /2m.) primustropie red-leg. Ulus me strong soil. Mestshegma platter rubripume. Ce fier under oaks and juniques and me ne wadhed Heliasters brugamini. Scattered. Un toth madbrd and madjacint strong mil. Conalcaca huacheriana. Fis. simon. Thry onluder the com. Our taken. Milarophus Cahines abrudent. a few long-winged pros. numeros. MAC. differentialis. Come taken in Nation and putel. West. 43 + 594 = 637 Other wis. 10 + 98 = 108 1957.31 (1957.101B). Sum as 1957.29. but hopt. 16, 1957. (R.) Gusinia toro mining on fromd in open franco under trees. Pertoura Tyr. 19. In thade under trees. arphia Aw. jons, on promod.
Trimerotispis blue imaged. Up blue edge of

mushes. At restricted to dead only leaves, but always in thaded areas. 1 leith. 22+ 637 = 659. Cetture ins. 2 + 108 = 110. 1957.3 (1957.102A) Samoles so 1957.31 http: Lyt. 17. 1957. (R) along road surface and in undy areas inthin states france about cottages and letrous some and laborating Stagmonantis 10 hupt from Tall und. Trich pullidipennis. le few, me Talen. Wisnot - Carolina . a mucho, or. talen. Congra comata ahundant, freat milation in when time of 44. Chiffy me dust und suface. Trashyshashis kines rotop. a fair number, unte distributed, in sind rinface. Melangelus Cahinus. bry comme in Fall undo, many minatre and. 191 + 659 = 750. lother mis. 3 + 110 = 113.

Constence huachucana. Loral in moderate

1957. 33. Suthwestern Nessaut Hatin, Can Cuch, Chiricahna Mts., Coshise G., anyma. tyt. 1), 195%. 1400 ft. (R.) mot in the low meadony spot near the pring, and layely under willows, where Tunhed in 1906. Paratetting brally common. Both adultor jurs. Less presalent in The nother opolo Than Tettifidea. Tettifidea more tocalized than Paratettix, as I had princesty noted. Both uds. - juss. Prove to him the watter Alisastina cartina, Mummer in trumy opits, som when damp. Performed an airial dance ingresting Ulrochorentes but not rising more than 15 feet or to posse The friend. I Comaliana a single & in pass under The willows. an imment rite for The spring neustries jons, rugt.

lesse. 118+750 = 868. Within ins. 4+113=117. 1957.34 Im. hlow Portal, Cochese Co., aryone. Cles. ( 18. 1957. (R.) Upper buch country, with much swagnite, forme accion, a great deal of trumble would, us castus a crotillo, a little Kocheline, and a limited amount of prace. Usemerous othery small thalken washer. Trin. pallidip. ahmdant, fennal. " red-lig. Two, my tocal. Cobotanio aridus The one Taken was the only one sun. Un strong soil. Brashyster finnely, ahundant, mating, apparently taking refuge in the dure mats at the lace of musquite thomps. action Many on word. The pp can lite they definitely when held. Mil. tahning a very for. Clark long-ming Waitylotum rather france, but not commen. apparently they seem to take refuge in the from trouble and. West 42+ 868 = 910. Uther mes. 14 + 11) = 131.

1957.35 as data as 1957.29 het figt. 18, 1957. (R.). Convogod carmente en vond surface in station Int not invariably. Mil differentialis on soud surface in Thatile from adjacent und patel. Considered huadhucama horal, apparently in healt colonies. Sometimes not in hight houlight. a few were in contra. Ho just. Ho Dispheromena 17 in thating promed. Hot personally collected. level. 23 + 910 = 933. Other ins. 1+131 = 132. 1957. 36 Frustmenten Research Station, Com Cent. Chinicahun Mts., Coshine G., arig. Elw. 5400 ft. 5500 ft. hipt. 19, 1957. (R.). But done from a that distance done The

first word bridge about The Station back to the station, following worded patities where

Arphia. Small jours at tronal different plans. Both in your and under onder.

Trim. Hue-minged. Chus on rocks just about bridge (5'5'00'+), another seem a bost blow Italiastus brug. Loral, monally man sorby or strong sports but not restricted to Constana hundresona. Loral, in mell frances family on or mean dead out lines under that for our principles, but occasion ally in your close to the prefered batitat. leth. 32+ 933 = \$ 965. letter ins. 5+132=137. 1957.37 Southmotion Research Hation, Chinicales Moto, Crehice Co., arigma. Elw. 5400-5500 feet. typt. 19, 1957. (R.). book was done adjanut to the road hundry If to the dr. at the Motion and then buch Of che to the nach also the Nation. apen turny stopes, struy in pracy, and the under out undition we spanned aughing pros. at a summer of prints. Primer. red. legged. a migle og in spen Hony Hope! all seen. Mestith. platter subrigume. a righe female in sung pracon sport. all seen.

1957.37 (cont.) Helicatus hujanini a fuo in mune pun, usually up strong upsti. Mel. Lahim. Grally rummerous, in more Jun and usually, occasion ally in Hade, foundly when there is from numerous Jims. Hu. no long. winged mes Falen. Conalcaca horachinenia. all suned une taken man The Can Coule wash just Constance humphreysis. a make and two finale taken in sunal localities along the hand road, always in more you sports Than frequented by C. huracher came. less. 31+ 965= 996. Other ins. 13 + 137 = 150.

1907. 38 Chen Cuch Canger, 1m. Island Smothersotten
Research Station, Chinicadera Met., Codera Co,
arig. Edw. 5300 ft. Apt. 20, 1957. (R.)
Work done in three areas: under oak - juniper;
along banks - strand of a running) touritain,
Christish, and in an abandoned alfalfa
fild bordering oak - juniper words.

Augher juss. a few taken in the file.
Consigna curinata, a few in file.
Nelisatus brijamini, a few along stream

hlissisteria carolina In the Ad full. Milanyhas lahimo. bry ahundant in the Ad field - a few truly winged. Longo Conaleana busachurana. a uny for in the ork- juniper words on The ground, but The majority in The Ad field where it closely bordered The och - jungen unds. Paratettix. a number class to stream. Cellips. Our detto. Stagmonantis limbator 14 hought in Ad lent. 92 + 996 = 1088. Cotton ins. 23 +150 = 173. 1957.39 as 1957.37 except that all work was to Tr.). Eled. 5400 5500 ft. Lyt. 20, 1957. (R.) Folocesa a single me must me a relatively land Hony Mope. applie a much pins, me Folim. Barwanes. Thim. red. lygns. a single & sum - taken on story Hope. Heliastus trujamini. Katherfrance or more Misthy platter making une. Lovel, m the more strong and more brown slopes. All Takin & &, pulages non end of its annual cycle 1957.39 (cont.). Melanoplus lahinus almost engelies. a few long- ungel mes Talen. Chralinea hunghrupsii - Mot at all runniano on the A Corney storry and Thirty grassed C. hundrahama. hnal, and not us strictly limited to only areas as I had believe. funal times taken closeto C. humphreysis balitate I think the ranges of the two (unking) just trucher namely under here. Ulst. 32 + 1688 = 1120. letter was 2 + 173 = 125

1957. 40 as 1957. 28 but Sept. 21. 1957. (R.)

Aughin has pure in brue optio.

Tomonotus firmgunous Jan. Un little of ord

leans under ord a jumper.

Netrastus benjamini a much in brue or

rochy sports.

Casale Conclesea huachucana Scatterel.

Roral. Un dend ord lief little under

value order of pumpres.

Unathros of. 1 jur. propt.

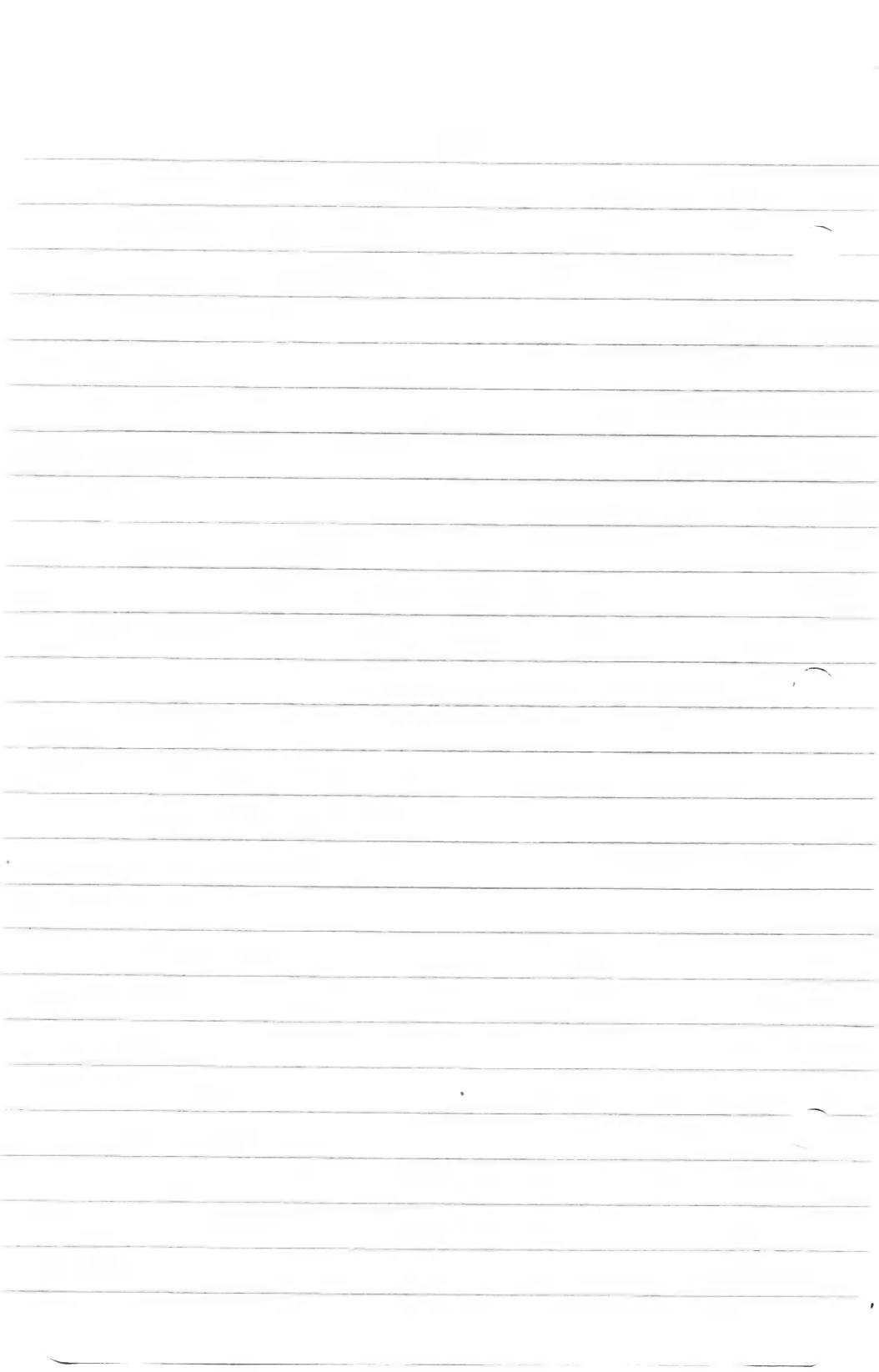
Usthe ins. 14 + 170 = 189.

1957.41 as 1957.33 but carried up The Enduring south Hope a distruce into the oak - junipu fruit. Elw. 5400-5500ft. Apt. 21. 1957. [R.]. Paratettix mux. hirally abundant in the more Tettigiden much less nummers Then Paratettes, more total Than Paratithix - few adult. Publy more frequent in the oning cost sections. blissosteria car. brite a few in the meadony sports along The well. brook. Milanophus diff. a few in ranten fronthe Constance huardeneana, a few in The lower Town edge of the undland. Helinsten brugamini. a few on thong antriops Ont. 110 + 1135 = 1245. lotter wis. 4 + 189 = 193 Jan Sime Vally Cothies Co, arigina.
195). 42 (4ms. Suf Rodes, M. M. along
main highway. Celes. 4400 fx. (alkinstu)
Lipt. 23, 195%. [R.].
Hat of vally with small dry mud flats, merquite, a caira, a few nopel, minus clamps of rallit weed, sestlend tall

195/.42 (cont.) huch pass and numerous law plants. mid strong. Opera 10 mapt, 14 lost. all sum. agenestative 14 maps, all seen. Untorana Not common, tomationes on dry must playa-like sports. 4 taken. Brogeton but monning. all 30 mm, taken a for pet box. Usually in the grassier Apphra psurdometana. a fue sun, me Fatien, Training flying.
Training pris pullidip fund.
Training haches hima sules. Will distributed, but line usually on The form areas. Brashystola. a fur. no 4 p sum. Ino males taking. pro occlipation. One taken, fines: Paroponiala. a my few, in the taller Photolistes mhasemus. a fur. Mel. regalis feathered, not numerous. lahrines tranning warywhere. long and the w. legt 78+1245=1323 Uther ins. 14+193=207.

1957.43 Southenten Research Station, Can Celes. 5406 ft. hept. 24, 1957. (R.) Mithin Finting grounds, unshing me und patches, abandoned alfalfa und diet und mufaces. Transpharling kima subsp. a few locally on bandit road. Congra carinata Hummun on dist road. I jow. Taken also. Mel. lakinus ahmdant in all yest. ~ also trattered one tint Mel. diff. a few in tall grass a standoned level. 35+1323=1358 (other is. 1 + 20) = 208. 1957.44 as 195). 39 but Supt. 24.1957. (R.) aughia I pur my strong and gravellystope. Congo a carinata. a single me in a small Heliastus buyamini. Irmal on rocky lungar Mestobrigma plattie ristripune. Lisably Ust at all clusion. Wings tothe red yellow.

1957.44 (cont.) Melanglus Calmins, Relatively formal, when there was any grans on then low regitation. Some manytums, my variable in size. Constraca huadhurana Hummun mall com than to humphreyou. More midely distributed than latter. opoto, there more you to the sun, Hopes, less com than where C. huarhmans is Cleanthus 18 hough from grass under 52 + 1358 =1410. 5+208=213.



1960.

Bedford Co., Plenna. Celes. 1750 ft. (alkinster).

VIII. 23. 1960. (R.) Roadside + edge of decidences
workland. hettle O.-mostly juss.

Limpheromena I ad. I and some summet of surpt for

brown of forest.

Monestetlis from cut of roadside fround litter
dry. adults - juss.

Cambly couples I munist surpt.

Milhurplus op. Jus. only.

(ether ins. 0 + 10 = 10 (ether ins. 0 + 10 = 10 1960.2 & tide of Sideling Hill, Fulton Co. Pa. Elw. (ix top brush mark) 2180 feet. Aug. 23, 1960.

(R.). Roadside and bodow of decidences work (chiefly oaks). Slopes my streep- working area very limited. Nothing in wordland as far as prectice blickromorpha under Ce few adults

hlissootina carolina Une adult tohum and a much

of others seen.

Milanoplus baridus I ad. - jimo. Ouly shelt sear. Eucoptolophus sordedus I in instan preceding met. Memobries Thru adulto, loth uses, in low ground litte. -

With the 16 + 10 = 24.

Co., Penna. (on U.S. 30) Elw. (altimeta) 1325 feet. ang. 23, 1960. [R.]. Roadside work, grass, Shrubbry marginal lot about completely duidous wordland (chiefly Thustern sp. 19 in instar prending maturity. Sugar frim undeide folieje. Mondetter, by fus jus. west. Hippious [:] I fin. on france. Milangolus familius any few. Inttalus, Les adults tem, 1 taken Memobries, the fun from from flitter. Lew - Spharagumon bolli ) Tor chiowo to get on bliss botterin can. The terrown. Clith 28 + 15=39. lether is 26 + 5 =, 31, 2 ms. W. of the Connellabring, Fultin Co, 1 amen. (elw. (altimotro) 1300 fest. VIII. 23, 1960 (R) Roadside und and frasses not buden of field of clover. Inpanies buther abundant Chortophys tad. I . brug small juns. Melanglus ferm rubrum immentoriumous, a fin abouts Mel. hittatio give. only

1960.4 (cont.) Nunthers I ad. take Clumther 4 kmpt. Cent. 17+ 39 = 56, Other wis 3 1 + 31 - 34 1960.5 Bald Knot Summit, allegheny Mts., Bidford-Somerset Co, Pa. Celev (truck mark) 29 00 feet VIII. 24, 1960 [R.) french growth chiefly deciderons frust (largely onle), with file law out Through along edge of escarpment. Unias of sphagmum, much swrit ferm, tall grass, ite. Chartheppus ads. - juss. in inims stages, chiefly near Monistetter a few, apparently all jews. Milanophus brittatus Ind. 3, Iw. other sun. " top. 14 and And Juss. Cuphia appm. sulphuna 1 nd. 1 g. Spharegram Willi lad & - another seen. Missisteria confine / 9, thus sur. Kunshing a number propt from from com. lent. 37 + 56 = 93. Withen 10. 4+ 34 = 38. 1960.6 10 m. IN of Roxbury, Somesset Co, Pa. Elw (altim.) 2350 fut. VIII. 24, 1960. (R.)
Ronderde grasses, undo and screen of hers bond.
Unlivated fields. Lungung chiefly Compthing? mognized taken (om)

Chorthoppus a few, a single adult Falien. hlichromorpha virides lad & taken. Mil. fimm- inbrum towadults. " brittatus I graved of tahen-all sun Consephalus fusciatus las q tahe " p. Jus. Kensthis a minher hugt. accountling for tropt. lent. 22 + 93 = 115. logther in 0 + 38 = 38, 1960.7 Hunsrick Summit, 2 ms. S. of Meyersdale, Somurant Co., Pa. Elw. [6, m.] 2267 feet. VIII. 24, 1960. bu clover field with grass patches. hlichromorpha, a migh of Fahin Milmorphus fene. - interne, a member, adulto a just. Couraphalus structus als. juss. accounthus a few. Ministries one supt from from and com. Tetrix 1 tropt. 24 +115=139. 7 +38 = 45

1960.8 U.S. Route 219 /2 m. S. A. Perma. - Manyang line, famille Co., Med Elm. lattim. J. 2600 fest VIII. 24.1960. Roadede with drain - tall grass and weds, partly mound, today deciduous frust looks, ash, towest, maples, etc.) - undergr. in frest rather you. Mothing at all seen in The wordland, although a greater of an hour was spirit quartering its ground com and undergrowth. lettigiden fru myst. blichnormpha I jus. Conscephalies of Jan. Milanglus sp. Jul. hlismatura carolina - a fus, our taken Minoline In take. West. 12 + 139 = 151. letter ins. 2 + 40= 47 1960.9 6 ms. & f Piney Grove, Garactt Co., Md. (an US 40) Eles. (altin.) 2700 fect. VIII. 24. 1960 Kvadside words and edge of clown field, also some old rund puring. Corry spines ringen. taken. Tettigiden 1 just. Chorthippus a fus adulto, who jus. Unshaldla ipinion. A very find whills some Comoptotophus 1700. ophnagum bolli dev. ken, I taken. hlissotina Il much ren, 1 Fation :

Sunddenia sp. 2 nd. & & trhus. nemobres le four. Cheanthus a number taken. lach. 29 + 151 = 180. Uther ins. 1 + 47 = 48. 1960. 10 Top of allegheny Front, near Hartmansville. Minual Co., West Vieginia, Elw. (altin.) 2800 feet. VIII. 25, 1960 (R.). In roadoide weeds (mitheweed, "Inthe eggs", daisee, wild carnot, blackbries, etc.) Hearly compthing hupot.

Mapherman 2 jus & g, diff. instans. hupt, not hude prest fruite. Chorthippus a find adults & num juis. Metanophes of Just end:
Memohins a much tript from low com a ground. Clean Thus I trupt Cutt. 22+ 180= 202. With in 6 + 48 = 54. 1960.11 Top & allegherry Front, 3ms WSW of loc. 1960.10 Celw. (altin) 2650 fect. VIII. 25, 1960. [R] Roadside border of wordland [chiefle ouls, lowest, etc]. Tall grass, sweet from and various

Chorthippus fine adults, mun jews. Milanophio femm- rubium two adults + jims, ut at all unmurous. Sunddenia 17 bu tall winds. Munching / Fahre Certh. 14 + 202 = 216, Uther ins. 6 + 54 = 60. 1960.12 25 mo W. of Gorman, Garrett Co., My Elev. (altim) 2650 fut. 1111.25.1960 (R.) Kondside bushes and grass Mul brittatus 19, all sun Munobius Mune smeet Occarthus 1 hough Unt. 5 + 216 = 221 Other in. 1 + 60 = 61 1960 13 4.5 ms. S of Breedlove, Tucker Co., West Virgima. Elw. apport 2600 feet VIII 25.1960 (R.) Roadside area tordering mixed frost on one side, I crub cut- on area on the other lettigiden a few, adulto - jurs. horthippens I few adults, more mun jours Emociphalus fuse. Numerous adults, loth necs. ank 25 + 221 = 246 Cetterins. 4+61=65.

1960,11 (cmt.)

1960.14 /2 m. W. J. Thomas, Tucker Co., West Virginia. Celes. (altim.) 3000 fut. VIII. 25 1960. (R.). Rosderde and moste filds - tall pass, much trust from, Smilar, and scattered boggy spots. Vole O. Falun Ind. nv. jnv. Chorthippus. Cerrh 5+246 = 251. lthu ins. 5 + 65 = 70 (at met intrance of Monongalula Mat. mest on # 33), Randolph Co., Met Virginia. Eles. (altin) 2100 fut. VIII.26, 1960. [R.J. very unt from morning into fog. Kondside meds and gross. Comything risogn. taken except shoos. lettegiden I from los com. Mil. finner-subrum a few. Both six es mix attans 13 tune tituation. Sanddone 18 24, purhopo tos spunes, in Fuller front. Councephalus bring. a fus. With. 15 +251 = 266. lether ins. 1) + 70 = 81.

Roaderde in intra Hopes, tall pross, milheral, wild Carrot, Inulax, etc. Cerrything resognized taken. Tettigidea I tahu. I jus. Fetrigid, from Z Alissosteria carolina a mumbe, 17 when. Connexphalus sp. a few adults - 1 jus. trha Occanthus ingricorno type - tes. tropot. Outh: 7 + 266 = 273. Other ins 5 + 81 = 86 1960.17 /2 m. 6. of Harman, Randolph Co., West Virginia & altitude (altin.) 2500 feet. Et VIII. 26. 460 Roadside in open deciduous frust. Coverything resogn. Fahen except one blichromospha inde g (esque) I jus. Tettegiden Mel. f.- 2. a fur. 84. mex. att. Leveral J. Courcephalus you. the Mensolves a fow. Cleanthus Tiro prices rups Cent. 15 + 273 = 288. Other in 3 + 86 = 89

1960.16 2.4 ms. 6. A alpma, Randolph Co., West Va alt. (altim) 3050 feet. VIII. 26. 1960. (R.). 1960.18 2.3 ms. W. of Harman, Randolph Co., West Virginia. alt. (altim.) 2600 fut. VIII. 26, 1960 Roadside and Adfuld border with stray offalfa, This Fle, a brudoch, etc. Ceverything veryn. Faten exc. I Spharagemen bolli and 1 Charthippur. Clark. 26 + 288 - 3/4. Other ws. 8 + 19 = 97. Arphuldla spunsa 1 g. Mil. fem-wh. a fus, Dand & taken.
Converge alus bririgenies Munerous, ado-juro-Munolina a fin. Suddens 19 in taller unds. 1960.19 Glady Fork Rundolph Co., West Va.

Gelw latty 2750 feet. VIII. 26, 1960. [R.]. Roadside tall grass and weeds, and word road into des duous forest, Virtually nothing along latter. Roadordo with Fall grass, milhweed, wild carrot, smilno, blackterny, eto. Lost Sphang bollit, but wrugthing else tahun.

1960.19 (cont.) Tettegidea final tahun-wadarde. hlichromogha 10 - vadride. Mil femm-subrum hrnal of taken. Discretinia carolina. Ce munter, one the interior. Numohus From Fatin. Clumthus Olive myt. Clock. 14 + 314=328. Other ins. 2+97 = 99 1960.20 2.75 ms. W. of Norton, Randolph Co., West Virginia. Colev. (altin.) 2175 feet. VIII. 27. 1960. (R.) Kradeide, narrow bride of praces and weeds ( Steep

Der Hopes on either sides). Very little Q.

Mel. ferren- melron. a fus, also jus.

Conocephalus 1 juv. Fahr

levot. 9 + 328 = 337.

Cother aus. 3 + 99 = 102.

5 ms. DN. of Norton, Randolph Co., West Virginia Elw. [altin.] 2500 fut. VIII. 27. 1960. (R.) Rondride and cut-one thoulder along deciderons words. Engthing seen taken. Unustitling no. juns.

Alyshablla spuissa a fur representation applied !! Just Spharagemen tolk I taken. author seems Milanophus lundus Thruadulto, tothe regio. duddina sp. 14 tahm Consuplatus 1 just Fahren Memoline a few Fater. acconthus 1 Fahre and 24+ 337 = 361, lether is. 2 + 102= 104. 1960.22 5 ms. E. St. A Buckhamm, Upshur Co., West Virginia. Elw. (alt.) 1725 fut. VIII 27. 1960. [R.9 Rondside (narrow) along deciduous wordland. bry little. letrix 3 juns. trupt Mil diff. I in instar priceding mat. Courciph hurp. 2 ad. 88. Cecanthus ad - jun. thhu Certh. 9 + 361 = 370 Urturins. 5 + 104 = 109

1960.23 /2m E. J. Upshur Co. line in U.S. 33.

Randolph Co., West Virguna. Els. (alt.) 1900 fex.

VIII. 27, 1960. (R.)

Rondride in rather heavy devidorous frist with

whoden dron the chets. Dry little reen.

1 jun Titligadia

1 Mel. fining refrain p.

Commephalies trivip D. q.

Neurobies 2.

Cother ins. 7 + 109 = 116

1960. 24 # 1.4 ms. & J. Harman,

Randolph Co. West Virging Edge (alt.) 2125

1960. 24 # 1.4 ms. & J. Harman,
Randolph Co., West Virgina. Elev. (alti)2125
fut. VIII. 28, 1960. (R.)
Roadoide with tall good growth, largely
brunac, and milkwird, and adjacent
abundantly originam old grany. Both
structures inshed. all spiries resignized
taken.

Tettigidea tw. juvo.

Chorthoppus II, 14 (latter teneral)

hlichromorpha teveral gg

Klasostina curolina Junal tun, me tahun

Syrhmagunon Whi Une tahun

Mulan, funan-nuhum Mumurons.

Milanaphus diffirmt if taken, allew, Suddensa op. Lad. g - 1 jin. take Hundins - a few. Cecarthus - m. Fahen Cert 22+ 376 = 398 lether ins. 7 + 116 = 123, 1960.25 1.5 ms. 6. A. Pendleton-Randolph Cos. line, Pendleton Co., W. Va. Elw. (altim.) 2600 feet. VIII. 28, 1960, [R.]. Roadride Hunden in garge, Tall fress, wild curret, poison wy (everything, millioud, tome sumac. Everything reagn, Fatime Nomotettex 1 Fatime. hlissosteira carolina a fur, trabun Mil. diff 18 taken Gyphia (?) sev. my mall purs. Mundin Our Fatien Quanthus hr. them West. 11+398 = 409. Uther in 3 + 123 = 126

1960 26 2 ms. N. J. Riverton, Pendleton Co.,

Next Virguna. Celes. (altim.) 1700 feet. VIII. 28.1960.

[R.]

[R.]

[R.]

[R.]

[R.]

[Ild field and cow partine, Tall uneds, thustes,

tall grass in places. Compthing mogn. Februa.

[Alippesous vielote 2 g tahen - all seen.

Milanophus fim. - unhum tw.

Consephalies Hutter 1 g 1 jus.

Mincolnis It then

[Consephalies Houter 1 g 1 jus.

Mincolnis It then

[Consephalies Houter 1 g 1 jus.

[Consephalies Houter 1 g 1 jus.

[Consephalies It then

[Consephalies It 126 = 419

[Coth. 10 + 409 = 419

[Coth. 10 + 126 = 127

1960.27 4.5 ms. W. J. Franklin, Pendleton Co., West Virguna, Elw. (altim) 2200 feet. VIII. 24, 1960 (R.)
Rondside. Vry little. One Sandderea list.

2 Milan. J.-r. all taken.

Certh. 2 + 419 = 421.

Cether ins. 4 + 127 = 131

1960. 28 3 5 ms. & of Franklin, Pendleton Co., West Virginia Celw. (alkin) 1975 feet. VIII. 28, 1960. (R.)
Rondoide. bruy tittle.
Schistorne about struckly cav, still alin when picked himphisomera 1 jus. 4 supt.

mil diff. two && Futur, all sun. Hipposius? 1 juv. Climanthus Junal. Cerch 7 + 421 = 421, 428 ather in 0 + 131 = 131. 1960, 29 3 ms E. of Brundywine, Pendleton Co., West Virginia. Eliv. (alt.) 2200 feet. ling, 28, 1960. Roadside and undistrurbed wood road, hittle. Utlanticus on dead leaves along word road. Alichomorpha viidis 18 - all sun. Venddina sp. 1 jins. hupt. levok. 3+428=431. Other ins. 0+131 = 13. 1960, 30 2.5 ms. 6 of top of Shenandosh mit. In U.S. 33), Rockingham Country, Va. Elev. (alten. 1960,30 2650 fut. aug. 28, 1960 (R) Heep wastorde under frust com. hittle leveth. 4 + 431 = 435 ather ins. 1+131 = 132

Cochine Co, Arie, Elis Hou furt. 153 V Ender 1961 Enderth 10% V Glore wash store 30 V V. 7 1931/19. E) Takin with hit at at VIII 7 1961/ 200 9mo, SWA Rodeo, 130 V Cochine Proling. 4500 firt (R. E) F111. 5. 1961. Im SIV. of apartie, 70 V 149 (80 V Cochiece Co, aris. 4600 H. 27 /X (XXXX) VIII. 8. 1966) Cochine D. UF Portal, Cochine D. Drive 49004. (George Happ) Taken mita lightating

One-halfm. SW. of apache, Cretise Co. Ariz. 460014. VIII.9. 1661 20 (Martinen, Lambert - Cagier) Mto, Cochise Co. Aryona 8100-8400ft. 115 V Taken outh light. 2 VIII. 9, 1961. [Eades] Im. N. of Portal, on Galcyville Road, Cochine 26 Co., arig. 4900-5000ft VIII. 10.1961. (Eades) Taken with light at night. Taken with light 3 at night. VIII. 10.1961 (E) along animas Road 1.9m. E. of junct with US.80, 31 V Hidalgo Co., nm 4100ft VIII. 11. 1961 (R. E.). antelope Pass, Peloncillo mto, Hidalgo Co., n. m 39 4400-4600 ft. (R.E.) VIII. 11. 1961. animas, Hidalgo Co., n.m. 4405 ft VIII. 11. 1961 /R. E) 37 / Smo. N. of Douglas, Cochine Co., ariz. VIII 12, 1961. [R. E.) 45- 5

IVr. Silver Creek, ab. 13 ms. IVE 100 V Of Donglas, Cochise Co., aring 4500ft VIII. 12, 1961. (R.E.) VIII 12, 1961. ) 70 LR. E. San Simon Valley, 7.2 ms. N of Portal turnoff, Hidalgo lo., 33 V n. 20 4200 ft. VIII. 13, 1961. (R.E) Road pass of U.S 80 Through northern Pelmaille Mis., 13ms 1. of annias turn of, Hidalgo Co., n.m. 4700 -4800 ft. 12 41 V VIn. 13, 1961. [RIE.) Olong road & from Station. VIII.14. 1961 (R.) 11/ 6-8 ms NE. of Dong Eno, 4 Cochise Co., aig. VIII. 14.1961 Soan Ranch, month of Skelston Canyon, Peloncillo Moto, Hidelgo Lo., M.M. 4675ft VIII. 14. 1961 (Eades). 38 Lower Skeleton Campon, Peloncillo Campon at state Co, aring 4800ft VIII.14.1961 Eades

1961.1 Southwriten Res Station, Com Luch Campa, Cochrise Co, anjour. VIII 6. 1961. (Cades) at might Hem light. Hertraid. Small griftlid. hepres wheater Remainder in Fall week of station igned Spitted with a floriday Scuddina sp. 24 Alisartina car. 16 Melowoplus differentialis libralant - some quite Hackey almostall immens jus Considered hunchicana, limerous, toth sixes that moving in action, apparently at rist from right but in incody fuld in other, not where I have irrally friend it under onto, the live 44 in not gutled, it The spinnettica innellant to damagel. I hund size - dry spring result? Milamophus disultonno i lahon as L'huachneun and thout took just right for des. but pretally is. lette, 106 Within ins. 0 1961, 2 Jame ana. VIII 7. 1961 [R. - E.)

Inch up along man wish alm i Tatom as for as
what bridge Mainly in Inthe channel and
sides, try little lit frank

Conallar husehumin 2 mynghy 10 - 4. lethen Jing, nor it there Jing, nor it to fee to propose to prosible 10 / 4 Taken Few ren, in Melinstin try. Attanatily unmerous, loral, isterest entirely in much I your about taken Immorte finng, 10 Cith dem. In work. I-humantypes itrima type. In males, in and the sports ampliand och have in front. lether m. 1. 1961.3 Smithmotion Res Station, any V111 7, 1961 at might at light. herophisomera - 1 siglin Certh 3 + 135 = 138 19614 9ms. IN A Rideo, in Cochine Co, and, Celin 4500 fut. VIII 8.1961 (R+8). Rendside along highway and railroad Brunch from finthe or a fire your contrible true politics hetimentina Suyst, apprently in ground souther. herespheromera gineral in thish com, Minister momerican II for hund pas Varyonnala Hum in truck frass agenestithy ten in from. Typher premitometrus 1 ymi - all seen

1961.4/cmt.) Policism hund m fr. sunf. Indillaris I in the front Groson carmeta tui on bru fromd. Aberitaniana Cen bus from Mestitugma li few, same habitat. Immeratropis itumer type. Humanns locally on lare fr. Hesperstithe for in composition. Milamplus lahining type hiral, fine. anders them in brown par other low com trug-iniged , Find, in tim com Etro Counsyedes altitamenta 5 m / your (1615) a 2 others in un low com Consupt. ip. 1 Jus. impt. Brachystota a my fri my small jours ext. 123 + 138 = 261 With min 6+1=7 1961. 5 1 m. SW. of aparks, Cochine to, any. Celiv. 4600 ft. (altim.) VIII. 8. 1961. (R.E.). Rondride liste a S.P. R. R. Brunk from, Scuttered misqi, some conjete melon plants, some trimble und, some tane tilt ishere seraped for road material. Gersinops. I in a clamp of hunch pass - win a captioned Stagmenting a might one in from the home france.

Therewise money Rather fineral hot mod comtyshula. A fen in homeh jus anns.

linger camente Un bruifmed, a normbre. 12m publidepennis. I ad. taken, all mergen in true
" Harrison type (?) In truck jours and in franch Mil. short myid . Humeno a appar timal tpining, Souther france. Corralex humphrey in the colony in meso, a me Vanopmala la bunh juss. With 77 + 261 = 338, When in 2+7 = 9 1961. 6 /2 m & 1) Potal, Cochiec &, angres. Elu 4900 fort (action) 1711. 8. 1961 (R.= E) Rendride Bruch frans & much magnete: withit and, Paragranata Su. in rather und amphitones 1-all der. follower I in fr. Citatacion I on for lill own. Hispiritities there in authorized. Mulan commentage de and 15 +338 = 353 white city +

1961. 7 Sami as SAGOI. 6

2007 Fire
VIII. 8 1961. (Em). Atriffet.

Greninga 22.

Menthama 22.

Trimentrylis pullidipinus 19.

Misara eligans 18.

Erempiles, pun. 18.

Uther ins. 1 + 9 = 10

In whence it is of laboratory building.

VIII & 1961 (Eader) Cit right

Stagmoments limbala 14 In black trenst.

Whispheromera 12, 2 imment. 44. Use imment. 40 (lab.

Wall, Other jam 4 ims hanging broide experie in these position for

Topolosphyrum? 34 at land, in these position for

Whitercontrain 38, apparently representing time

species. At lab. light.

With, 10+ 360 = 370.

1961.9 Same In. as 1961.5. VIII. 9. 1961.
(Martinen, Lambert Cazier)
In orien. of Solarum.
Tropidolophus formoreus 78, Jun 4.

Certh. 8 + 370 = 378

Lether ins. 12+0=12

1961.10 Barfort Park, Chincalma Mits, Corlinge Lo, anzona VIII. 10.1961. Celu. 8100-8400 ft, (R. E.) Mountain mendon surrounded by prist of print for, some pine the ponderson type, the others with a bluchish back, The north freing Hope with more for them the puch area, which has an ipen meaders with tall brunk grass, a wild brus (in flish priss) and putities of a white flowering should havind worked up The south-fring stope to 300 feet who the meader i ( miluded in the about agency, their trad pine at the base of stops, then take strut, then lave Falus, then more water scrub passing into misquite, yuca, ite, at facing stope had pine with Eccasional fir, with ground com except pour models had consimal your spits Renched by Exermention about 200 feet Justina in with your and magnite Varatantles in grayesh plant in your and mosgante area. Elm al Fros fute

Completomes few in eros patitus in modero, \$100 p. Chortheppus 120 a 1 jus. in minden. Cuplina? Jus. Mindon - top of ridge to north. Tromers Frozis red-ligged. In meadore and town edge if prist, and in cleaning in pine prists Immerotiopis the legged. I'm loose with minel with can send in higher part of smith- fairing slope (5400) 4 in mall thing in pine prest on N. faustope (approx 824) Trimeretiepis yellmi legged I at junition of pure undo i mindon. Melanophus appar arides from finesal in mendow, stopes which and in your space. Milanophus chincalmae? In meadow, but his Constead sp. ? Here common in grass and mint in was scrub on stope ( 8100 - 8400 ft.) accuring liss abundantly along The frust brider of the minder a few males and most finales still juss. Centrophilus valgus type. Une male under a pine tog in mendow, all others were under with or in ir under decaying word in price prest. Stenogehnster. Two under princitize in burrows, an mendon! - 11 in alcohol ) Uther was 5 +12 = 11,

1961.11 Sinstanstem Research Statum, Corties Co., Any. lyht. (Eades) Constance 1 Hiptophymn 1 With, 2 + 488 = 490, When in C + 17 = 17. 1961, 12 /m. MW. of Portal on Ht. Caleyrille Road, Circhiae Co, Chris. Elm 4900-100, \$11110.1961. [ &.) Hight wish with light. Misquite prearminating, much bon fround. alispheromen da jin ind. [an adult n monly adult Junale of mustain fin. pro. ) An masquite. Trymomantes 2 jms. in moguete. muntipis strenua type. Tommyrand publid languard. Morotumen If in formed Hospirolettix of indeal brushpan, go put in comp Monn eligano 5 m misquite Councilis 3 spices, all in magis Jullus Um ground, fuding most meat here Cluthophiles 2 ind " ".".

Orth. 26 + 490 = 516 lithur ins. 6 +17 = 17

Canyon, Ercher Cr., ang. Elw. 16 voft. VIII. 10.196, Cit light at Matin. Micrountum, Sinddenin a horm Eremopeler? Une of wach. Conth. 3 + 516 = 519 lether in. 0 + 17 = 17 1961.14 Olling Civinas road 1.9 ms. E. Junet. with U.S. 80, Hidalys Co., N. M. Els. 4100 fut. VIII.11. 1961. (R-E). Moistan with Fital plant com, much of which was trouble und, scattered timches of very tall (6 fret) frans. This was at the true of a bruch of grand on which was an almost exclusion com of harris. Rhobdiceratite I monty adult of ser. juro, tratin

from harver I hearing and of set fores, thating I herminia appar locations in the Full trufts of grass in the truth of me spot from makes uncassamble, touching antenna and actively strictulating. Paroposed I'm stall grass in mistare.

Syntale I in stall grass in mistare.

publides, me dette

Melanophus Sp. I in Fall grass in moist aren.

Consort carmata one on bone spet.

Diretmens one in larground in met area.

Ency Folighus ten in more moist ground in net area.

Insara covillene Siv. jins. Augst from Larrea.

With. 25 + 510 = 544,

Uther ins. 6 + 17 = 23.

Co, Min Mixua Celi, 4400-4600ft. VIII. 11. 1961 Hell Hoge below with scattered laver, low composites, higher stope with the same composite, also vootille, Annal types of cretus, agave and fund finique, Argumentis jur simpt finn harren. Pfundosermyle a rumber of males in the low imposite in the upper stopes, Vinopiniala numerous on the low composite on the John Hopes Systems in same arripper stopes. Amphitornes Adult - jiw. on brushing. frim pullidig - from found, floured , Kelianta ine in stony from denface beream contline I jui myst from Lauren. ant 29 + 842= 371,

Cother Eus. 10 + 23 = 33.

1961 16 anmas, Hidalgo Co, n. m. Elw. 4405/4/6 VIII.11,1961. Kathit med, trouble und and other low sind, mit home true formed Congra carmata do 4 Irim. pullilips 1 lent. 4+571=575 lether in 33 + 0 = 33. 1961.17 5ms. NE of Wonglas, Cochiae Co., aniona. along U.S. Fo. VIII. 12.1961. [R. E.) Roadinde ditch with very tall grasses and tromble mel thinning out on margin, some areas of bare red tilt. Thrumales some in a single hist, within a few inches of Mermina adults of only, so juss in priced, instar Mistobryma I on bare ground trim. pullidipinus animerous in true from Courses sarmata 3 in true je. Milomophio lakins type. Fin adults. hommos of immatme milanoplids of a member of ipieces. Thretalistes? Jus Fahen, Jan months laemipreda jus. An mede in frans. Michiepetula Jan. Augst mt of from. Clith 41+ 575 = 616, Citin ins 4 + 33 = 37.

1961, 18 Mean Silver Creek, about 13ms, NE. J-Winglas, Cochise Co, aig. Elm 4500 feet (altim.) VIII. 112, 1961 (R.E.) Roach bry, soft tall bushes, also want edge with themy Jusmigs on framed Stagmmantis limbata Simpt from Fall grass. Cican Theres I jun, in ground. Mermina adults e num, jims, chiefly in Full pass. Birpedon small pomon france about short pas Morseilla & Sinly in hoher - frans. actini, Carpornala Mum in thest tall frame. Conogra Carmata informal I amingrada I and 4 in hachberry, just motted Brachystola 14 in inst print my infress. invalences thrufly in hachbury and Hemed to him mall groups Milamphus tong unique. Iled. & infras. Innimerate timente, milampledly a much of your beichopetala a fin jims. in Montgrass. Outh. 86 + 616 = 702 Cethur min 6 + 37 = 43,

1961.19 Jame En. of 1961. 5. VIII. 12, 1961 (Reg) Tuntle and and tallfrass, that pass, Solamin coyete mulou patities, yours, Parabaullus sur shipt. Systala 10 in grass. Mernisia ferenal, but mainly in from. Completonnes en frass. ageniotelles front Conzon carmata Annal in barrara Trois pullidipennis leve on hour fr. hipmes the finale in found. Tropidalophus Small omis of adults, misty & but me y on Solamum was. horal. Milanoplus disultonins frequent, fineral en in Milamplus taking type Phretalistes? Simal. drawn of immat, inclaimplied. Consteam humphreysi a numbrin guen, and Cent. 68+702=770,

Uther ins. 2 + 43 = 45.

1961.20 Jan Jimon Valley, 7.2 ms, N. ( in U.S. So) of the Portal turn-of, Widalgo Co., M. M. Celiv. +200 feet. VIII. 13, 1961. (R. 6). Rondside with draw still middy from last right's rain. Partit und, black trush, harren, Rocherlinia and bruch grass, alor in few yman. Stagnomantis just hout from harren Rhabdoceratite jun. tropper from horna. Mermine to truck pers. V Paropomata Him. in Truck from apria : por front Lipshola In frass. Hotorson Un from. friedom Tim sun, mitahen, inblach brown. frim. publid. in fr. Munighes andus fr. fimal. Both 27 +770 = 797

1961.21 Road pass of US 80 through northern Peloncillo Mts., 13ms. N. of animas tum-off, Widalgo Co., N.M. Elis. 4700-4800 fut. VIII. 13, 1961. Pars through ragged low withy ridges, com insied, more withint climents acidia, misquite, rathet ined, cholla and inopal carters, harrin, yours, bunch pass, sottle and a little rootillo. Guamops on fr. hliapheromera jui. Fingt from harren. Parabacillas several, one in acasia. Lysbula timal, me in acción. Mermina Ingrass. Varopmala in pross Folousa an ground surface. Trim, pullidip. In wash I general in wely surpress. Rebuits rum. Int local. largely in consuparel. Helianda Unem white and surface. Phrysitettij hummich wach sinfau. Ciraleaca jus. Une in sold. Asspiratellex Une insult ind, The elsewhere. Milonophus andus ty. In acarin. and 40+ 797=832. (Poten cins 1 + 51 = 52,

1961.22 Southwisten Research Station, Can Cuch Carryon, Cothise Co, any, Celw 5400ft VIII14.1961, along road snoth from statur - area examined R.) in 1956 n 1957. Junipen work strands in story fromd, some areas of open with spouse short fress. bry Eittle. Chiphin I jow, on hour aun Mistrigma 3 adult 88 and surral juno. in story areas in some Immerotropis alliciens; an adult pain, taken in different opits. Itmy areas. Heliastus benj, lad 0 + 2 juns String areas. the some timediate area. ant. 11 + 837 = 848 Other ins 0 + 52 = 52

1961.23 6-8 ms N.E. of Monglas, Cochise Co, arigona Emssing road - Taimporda 3ad. of pur VIII. 14. 1968 th. 4 + 848 = 85-2 Lether as 0 + 52 = 52

1961.24 Stran Runch, month of Studeton Carryon Pilonville Mets, Hadalge Goy Strigger Elin approx. 4675 ( Cades). Kicky wish and warm withy flood plain, Sycamine trees and a few the species of trees along with from reasonably well could with grass and winds. tystula in fins inds. agenestation tack times but tat. Interson in fromis. autoura? 1 jun. on fromt. Courgen carmata num in from the troum pass taffs Heliastus bryamini as stony soit, but not in wash. Constraca trachucana 19 in meds along side must frans - med under Frees Melamplus bahin type. Une in pass o unds. aridus type Tim " Cotton ins, 0 + 52 = 52

1961.25 Lower Sheliton Caryon at state live, Cochia Co, Cinis. - Hidalgo Co, M.M. Elin, 4800 Just. VIII. 14, 1961, (Eader) Conditions essentially as at 1961.24 test wales my numerous Than by cameris. Maropmale to in pass. Etulocara? pri. Pertourn in frand. Heliastus in pr, with riches, Milanophus aredus type fiv, in tall grass Club, 10 + 890 = 900 Cether in 0 + 52=